



GIOVANI SI



Regione Toscana



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UNIVERSITÀ
DEGLI STUDI
FIRENZE

DOCTORAL PROGRAMME IN DRUG RESEARCH AND INNOVATIVE TREATMENTS

Coordinator prof. Carla Ghelardini

BIOMEDICAL AREA	
ADMINISTRATIVE OFFICE	Department of Neuroscience, Psychology, Drug Research and Child Health
CURRICULA	<ol style="list-style-type: none">1. Pharmaceutical Sciences2. Pharmacology, Toxicology and Innovative Treatments
POSITIONS AVAILABLE: 8 Positions with Scholarship: 6 Positions without Scholarship: 2	
Scholarships: 6	5 – University of Florence 1 – University Hospital Meyer
RESERVED POSITIONS	NO
STUDY/RESEARCH PERIODS ABROAD	Not required
DOCUMENTS TO BE ENCLOSED WITH THE APPLICATION	MANDATORY DOCUMENTS <ul style="list-style-type: none">• Copy of the Identification Document• Replacement Declaration Form
REFERENCE LETTERS	A section is provided in the online application to specify the e-mail addresses of two professors/researchers willing to provide information about candidates training path and activities performed within a scientific field related to the Ph.D. course
EVALUATION MODALITIES	<ul style="list-style-type: none">• Written examination• Interview
OTHER LANGUAGES IN WHICH THE EXAMINATIONS MAY BE TAKEN	English
SKYPE INTERVIEW	NO
FURTHER INFORMATION ABOUT EXAMINATIONS	With regards to the written test the applicants will be asked to discuss a particular theme choosing one of the texts proposed for each curriculum. The applicants with a minimum score of 40 will take an oral test.

EVALUATION MARKS	parameter	minimum score	maximum score
	Written examination	40/60	60/60
	Interview	40/60	60/60
	Eligibility is achieved with a minimum score of 80/120		
FURTHER INFORMATION ON THE EVALUATION PROCESS	<p>1. Curriculum in Pharmaceutical Sciences The written examination will be characterised by the completion of an essay on design and synthesis, or molecular modelling or pharmaceutical analysis or pharmaceutical technology, of natural or synthetic pharmacologically active molecules. The interview will be centred on the discussion of the theme chosen by the applicant as well as on previous research experiences.</p>		
	<p>2. Curriculum in Pharmacology, Toxicology and Innovative Treatments The written examination will be characterised by the completion of an essay on general pharmacology. The interview will focus on the discussion of the theme chosen by the applicant, as well as on previous research experiences.</p>		
Further information available at the following web page: https://www.neurofarba.unifi.it/ls-9-ricerca.html			

EXAMINATIONS SCHEDULE			
	DATE	TIME	PLACE
WRITTEN EXAMINATION	10 September 2018	9:30 a.m.	Department of Neuroscience, Psychology, Drug Research and Child Health Section of Pharmacology and Toxicology Room "A" – CUBO 2 Viale Pieraccini, 6 – Florence (first floor)
INTERVIEW	10 September 2018	3:00 p.m.	
The list of the candidates admitted to the written examination will be published at the following web page: https://www.unifi.it/p11361.html			
The list of the candidates admitted to the interview will be published at the following web page: https://www.neurofarba.unifi.it/			
The Final Ranking will be published at the following web page: https://www.unifi.it/p11361.html			

TUSCANY PH.D. IN NEUROSCIENCES

Coordinator prof. Felicità Pedata



GIOVANI SI



UNIVERSITÀ
DEGLI STUDI
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REPUBBLICA ITALIANA

Regione Toscana



Pegaso Scholarships 2018 are financed with the resources of the POR FSE TOSCANA 2014/2020 in the frame of the Tuscany Region Project "Giovanisi" (www.giovanisi.it) for the autonomy of young people

BIOMEDICAL AREA	
ADMINISTRATIVE OFFICE	Department of Neuroscience, Psychology, Drug Research and Child Health
Regione Toscana Pegaso Project 2018	University of Florence University of Pisa University of Siena
CURRICULA	NO
<p>POSITIONS AVAILABLE: 14 Positions with Scholarship: 11 Positions without Scholarship: 3* * standard ranking only</p>	
Ranking List for STANDARD POSITIONS Scholarships available: 7	<p>4 – University of Florence 3 – Regione Toscana Pegaso Scholarships 2018</p>
Ranking List for POSITIONS WITH SPECIFIC RESEARCH TOPICS scholarships available: 4	<p>3 – Regione Toscana Pegaso Scholarships 2018</p> <ol style="list-style-type: none"> 1. "Robotic and telemedicine technologies for the recovery of neuromotor functions and perceptive in children with neurodevelopmental" 2. "Pilot project of technological development of screening with telemedicine of diabetic retinopathy" 3. "Methods of integration of administrative and clinical data related to Multiple Sclerosis for the creation of "Big Data" aimed at improving the Health System in the Tuscan territory" <p>1 – University of Florence – Fondo Pluriennale Piano Strategico 2018 "Interaction between Adenosine A2B Receptors and Sphingosine Kinase/Sphingosine 1-Phosphate signal axis in Oligodendrogenesis and Myelin repair"</p>
RESERVED POSITIONS	NO
STUDY/RESEARCH PERIODS ABROAD	YES - for Pegaso Scholarships 2018 only
MANDATORY PERIOD REQUIRED	<ul style="list-style-type: none"> - 12 months for Regione Toscana Pegaso Scholarships 2018 - standard positions - 6 months for Regione Toscana Pegaso Scholarships 2018 - specific topics research scholarships
DOCUMENTS TO BE ENCLOSED WITH THE	<p>MANDATORY DOCUMENTS</p> <ul style="list-style-type: none"> • Copy of the Identification Document

APPLICATION	<ul style="list-style-type: none"> • Replacement Declaration Form • Curriculum vitae (European format), with indication of qualifications and all publications of the applicant. • Research Project <p>OPTIONAL DOCUMENTS</p> <ul style="list-style-type: none"> • Publications (if any) • Certificate of English proficiency at level B2 or higher
RESEARCH PROJECT	<p>In the application forms, the candidate should indicate whether he/she wants to participate to the selection for the “standard positions”, the “positions with specific topics”, or both. In the latter case, the candidate may submit two different research projects indicating, in the file name of the additional one, “specific research topic scholarship”.</p>
MODALITY OF EVALUATION	<ul style="list-style-type: none"> • Evaluation of curriculum vitae, research project, publications and other qualification documents • Interview as detailed in the section below “Evaluation Marks”
OTHER LANGUAGE FOR THE EXAMINATION	English
SKYPE INTERVIEW	YES – possible for foreign residents only

FURTHER INFORMATION ABOUT EXAMINATION	<p>The oral test is also intended to verify candidate knowledge of the English language (level B2 or higher). Selection of applicants will follow a two-step evaluation (see scheme below).</p> <p>Step 1) Preselection for admission to the interview: The Committee will evaluate:</p> <p>1) CV (European format) with indication of qualifications (e.g. awards, certificates of research experience and/or attendance of courses relevant to Neuroscience) and all publications of the applicant.</p> <p>2) Publications by the applicant attached to the application. Publications will contribute for a maximum of 3 (three) points. Technical reports and specialization thesis are not evaluated and <u>should not</u> be uploaded.</p> <p>3) Research project in English. In this phase the project will be evaluated for its coherence with the Doctorate in Neurosciences and for its feasibility, in general and within the Tuscan Ph.D. in Neurosciences Program. (Note: the project presented will not necessarily be accepted as the final thesis project for the applicant, should he/she be accepted in the Ph.D. Program).</p> <p>Applicants receiving a score of at least 30/40 will be admitted to the interview.</p> <p>Step 2) Interview: The interview will focus on a discussion of the research project presented. Good knowledge of spoken and written English is required.</p>
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EVALUATION MARKS	<table border="1"> <thead> <tr> <th>parameters</th> <th>minimum score</th> <th>maximum score</th> </tr> </thead> <tbody> <tr> <td>Curriculum vitae, qualifications, publications, Research Project redaction</td> <td>30/120</td> <td>40/120</td> </tr> <tr> <td>Interview: discussion of the research project to assess applicant's aptitude for research</td> <td>50/120</td> <td>80/120</td> </tr> <tr> <td colspan="3" style="text-align: center;">Eligibility is achieved with a minimum score of 80/120</td> </tr> </tbody> </table>	parameters	minimum score	maximum score	Curriculum vitae, qualifications, publications, Research Project redaction	30/120	40/120	Interview: discussion of the research project to assess applicant's aptitude for research	50/120	80/120	Eligibility is achieved with a minimum score of 80/120		
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Eligibility is achieved with a minimum score of 80/120													

Further information available at the following web page:

<https://www.neurofarba.unifi.it/vp-159-dottorato-toscano-di-neuroscienze.html>

EXAMINATION SCHEDULE			
	DATE	TIME	PLACE
INTERVIEW	24 and 25 September 2018	9:00 a.m.	Cubo Viale Pieraccini, 6 - Florence Aula A (first floor)

The list of candidates admitted to the interview and the final ranking will be published at the following web page: <https://www.unifi.it/p11361.html>



DOCTORAL PROGRAMME IN BIOMEDICAL SCIENCES

Coordinator prof. Massimo Stefani

BIOMEDICAL AREA	
ADMINISTRATIVE OFFICE	Department of Experimental and Clinical Biomedical Sciences “Mario Serio”
CURRICULA	<ol style="list-style-type: none">1. Human morphology and morphogenesis2. Functional biology of biomolecules and biosystems3. Physiological and nutritional sciences4. Experimental pathology5. Endocrinological, molecular and regenerative biotechnologies6. Biomedical sciences of evolutive age7. Gender medicine
POSITIONS AVAILABLE: 12 Positions with scholarship: 9 Positions without Scholarship: 3	
Scholarships: 9	6 – University of Florence 3 – Department of Experimental and Clinical Biomedical Sciences “Mario Serio” – Progetto Ministeriale “Dipartimenti di Eccellenza 2018–2022”
RESERVED POSITIONS	NO
STUDY/RESEARCH PERIODS ABROAD	Not required
DOCUMENTS TO BE ENCLOSED WITH THE APPLICATION	MANDATORY DOCUMENTS <ul style="list-style-type: none">• Copy of the Identification Document• Replacement Declaration Form• Curriculum vitae• Research project OPTIONAL DOCUMENTS <ul style="list-style-type: none">• Publications and any other qualification documents
REFERENCE LETTERS	A section is provided in the online application to specify the e-mail addresses of two professors/researchers willing to provide information about candidates training path and activities performed within a scientific field related to the Ph.D. course.
RESEARCH PROJECT	The research project, written in English and of maximum 12,000 characters including spaces, which must include summary, introduction, methodology, expected results and references. The project must refer specifically to one or more of the working themes listed in the section below “Thematics” .
MODALITY OF EVALUATION	<ul style="list-style-type: none">• Evaluation of curriculum vitae, research project, publications and other qualification documents,,• Interview as detailed in the section below “Evaluation Marks”
OTHER LANGUAGE FOR THE EXAMINATION	English

SKYPE INTERVIEW	NO																				
EVALUATION MARKS	<table border="1"> <thead> <tr> <th data-bbox="507 315 1045 398">parameter</th> <th data-bbox="1050 315 1217 398">minimum score</th> <th data-bbox="1222 315 1414 398">maximum score</th> </tr> </thead> <tbody> <tr> <td data-bbox="507 405 1045 472">Curriculum vitae, publications and other qualification documents</td> <td data-bbox="1050 405 1217 472">–</td> <td data-bbox="1222 405 1414 472">20/120</td> </tr> <tr> <td data-bbox="507 479 1045 512">Research Project redaction</td> <td data-bbox="1050 479 1217 512">–</td> <td data-bbox="1222 479 1414 512">40/120</td> </tr> <tr> <td colspan="3" data-bbox="507 519 1414 613">Only applicants reaching a minimal total score of 40/120 relative to the parameters curriculum/publications/project will be admitted to the interview</td> </tr> <tr> <td data-bbox="507 620 1045 687">Interview: discussion of the project and publications</td> <td data-bbox="1050 620 1217 687">–</td> <td data-bbox="1222 620 1414 687">60/120</td> </tr> <tr> <td colspan="3" data-bbox="507 694 1414 728">Eligibility is achieved with a minimum score of 80/120</td> </tr> </tbody> </table>			parameter	minimum score	maximum score	Curriculum vitae, publications and other qualification documents	–	20/120	Research Project redaction	–	40/120	Only applicants reaching a minimal total score of 40/120 relative to the parameters curriculum/publications/project will be admitted to the interview			Interview: discussion of the project and publications	–	60/120	Eligibility is achieved with a minimum score of 80/120		
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Eligibility is achieved with a minimum score of 80/120																					
THEMATICS	<p>Curriculum in Human Morphology and Morphogenesis:</p> <ol style="list-style-type: none"> 1) Systematic and topographic anatomy: anatomical variants of organs and apparatuses of anatomical relevance 2) Applied anatomy: anatomic characteristics and topographical relations of organs and apparatuses of interest for diagnostic imaging and clinical semeiotics 3) Morpho-functional histology and cytology: structure-function relationships and mechanisms of regulation in physiological conditions and in pathological models 4) Embryology and organogenesis: mechanisms of cell and tissue differentiation for regenerative medicine 5) Histochemistry: localization of specific functional molecules in cells and tissues by advanced microscopy methods <p>Curriculum in Functional Biology of Biomolecules and Biosystems:</p> <ol style="list-style-type: none"> 1) Biophysics of proteins, lipid bilayers and biomembranes 2) Cell proteostasis and its regulation 3) Cell biology of amyloids and its relevance on associated systemic and neurodegenerative pathologies 4) Phospholipid signalling 5) Yeast and other model systems proteomics 6) Anti-aggregation power and nutraceutical properties of natural compounds <p>Curriculum in Physiological and Nutritional Sciences:</p> <ol style="list-style-type: none"> 1) Molecular mechanism, regulation and mechanochemical coupling of striped muscle contraction 2) Electrophysiology and mechanics of smooth muscle 3) Nervous mechanisms involved in respiratory activity genesis and control 4) Components and strategies involved in motor control of the human voluntary movement 5) Pathophysiology of gastrointestinal apparatus and of nutrition and prevention of chronic-degenerative pathologies. Epidemiological and intervention studies on foods and alimentary profiles 6) Adaptations to muscle activity and to sport of musculoskeletal apparatus, respiratory and circulatory systems. Training methodologies 																				

	<p>Curriculum in Experimental Pathology</p> <ol style="list-style-type: none"> 1) Molecular and cellular mechanisms of cancer transformation and progression 2) cancer stem cells; characterization and targets 3) Innovative approaches to cancer diagnosis and prognosis 4) mechanisms of microbial pathogenicity 5) Antimicrobial drugs: mechanisms of action and resistance 6)Molecular and cellular mechanisms of aging and longevity <p>Curriculum in Endocrinological, Molecular and Regenerative Biotechnologies:</p> <ol style="list-style-type: none"> 1) Pathophysiology of male reproductive apparatus and its accessory glands 2) Genetic aspects of male infertility 3) Control mechanisms of human spermatogenesis 4) DNA fragmentation in human spermatozoa: biochemical mechanisms and clinical meaning and significance 5) Pathophysiology of thyroid, hypophysis and adrenal gland 6) Pathophysiology of fat tissue <p>Curriculum in Biomedical Sciences of Evolutive Age:</p> <ol style="list-style-type: none"> 1) Clinical biochemistry and modifications of cell and systemic redox status in human physiology and pathology 2) Innovative strategies for neoplastic and cardiovascular therapy by the use of plant polyphenols 3) Specific aspects of diagnostics, therapy and prevention in pediatrics 4) Hygiene public health and health organization 5) Detection of high priority malocclusions in evolutive age in orthodontics 6) Prevention of infective and chronic pathologies, vaccinations, food hygiene and public health laboratory <p>Curriculum in Gender Medicine:</p> <ol style="list-style-type: none"> 1) Endocrinological aspects of the female vs male reproductive apparatus 2).Mechanisms of control of the female vs male sexuality 3) Endocrinological-metabolic control mechanisms of the female vs male reproduction 4) Endocrinological and gynecological aspects of the female oncologic pathology 5) Pathophysiology of the metabolic diseases in the female and the male
<p>Further information available at the following web page: https://www.sbisc.unifi.it/vp-200-dottorato-in-scienze-biomediche.html</p>	

EXAMINATION SCHEDULE			
	DATE	TIME	PLACE
INTERVIEW	14 September 2018	9:00 a.m.	Cubo Viale Pieraccini, 6 – Florence “Auletta istologia”
<p>The list of candidates admitted to the interview and the final ranking will be published at the following web page: https://www.unifi.it/p11361.html</p>			



DOCTORAL PROGRAMME IN CLINICAL SCIENCES

Coordinator prof. Marco Matucci Cerinic

BIOMEDICAL AREA	
ADMINISTRATIVE OFFICE	Department of Experimental and Clinical Medicine
CURRICULA	<ul style="list-style-type: none">• Clinical Pathophysiology and of Aging and Nursing Sciences• Clinical and Experimental Medicine and Radiology• Pathology and Clinic of the Locomotor Apparatus and the Calcified Tissues• Anaesthetic and Surgical Sciences• Psychology and Pain Management• Global Health and International Cooperation on Mobile Populations
POSITIONS AVAILABLE: 14 Positions with scholarship: 11 Positions without scholarship: 3* <i>* standard ranking only</i>	
Ranking List for STANDARD POSITIONS - scholarships available: 10	6 – University of Florence 3 – Department of Experimental and Clinical Medicine – Progetto Ministeriale “Dipartimenti di Eccellenza 2018–2022” with the following thematic: <ol style="list-style-type: none">1. "Epidemiology and clinical features of the emergent and re-emergent infections in resident or migrant latino-american population"2. "Diagnostic approach to emergent and re-emergent infections in resident or migrant latino-american population"3. "Masté project: from the epidemiological investigation on the prevalence of the two major hepatic viruses, HBV e HCV, in migrants of the florentine area, to the inclusion of infected patients in accessible and fair therapeutic pathways" 1 – Tuscan Transplantation Organisation (OTT) – Careggi Hospital
Ranking List for POSITIONS WITH SPECIFIC RESEARCH TOPICS - scholarship available: 1	University of Florence – Fondo Pluriennale Piano Strategico 2018 “Paleopathology: Characterisation of the human paleomicrobiome and the immune response through the development of silico interaction models”
RESERVED POSITIONS	NO
STUDY/RESEARCH PERIODS ABROAD	Not required
DOCUMENTS TO BE ENCLOSED WITH THE APPLICATION	MANDATORY DOCUMENTS <ul style="list-style-type: none">• Copy of the Identification Document• Replacement Declaration Form• Curriculum vitae et studiorum• Research project OPTIONAL DOCUMENTS <ul style="list-style-type: none">• Publications and any other qualification documents

	<ul style="list-style-type: none"> • List of taken exams with grades for the Master of Science (M.Sc.) degrees (or equivalent) • Title of the M.Sc. Thesis • Copy of the M.Sc. Thesis • Abstract of the M.Sc. Thesis 															
REFERENCE LETTERS	A section is provided in the online application to specify the e-mail addresses of two professors/researchers willing to provide information about candidates training path and activities performed within a scientific field related to the Ph.D. course.															
RESEARCH PROJECT	<p>The project must be in english (maximum 12.000 characters with spaces included) with the following outline:</p> <ul style="list-style-type: none"> - summary - background - aims and objectives - methodology - expected results - references <p>The project needs to address one of the specific thematics of the Ph.D. programme. At evaluation the following elements will be considered: quality, presentation, innovation, internationalisation.</p>															
MODALITY OF EVALUATION	<ul style="list-style-type: none"> • Evaluation of curriculum vitae, research project, publications and other qualification documents • Interview as detailed in the section below “Evaluation Marks” 															
OTHER LANGUAGE FOR THE EXAMINATION	English															
SKYPE INTERVIEW	NO															
EVALUATION MARKS	<table border="1"> <thead> <tr> <th>parameter</th> <th>minimum score</th> <th>maximum score</th> </tr> </thead> <tbody> <tr> <td>Curriculum vitae, publications and other qualification documents, research project</td> <td>30/100</td> <td>50/100</td> </tr> <tr> <td colspan="3">Applicants who obtain a score of at least 30/100 in the evaluation of the above parameters will be admitted to the interview</td> </tr> <tr> <td>Interview: discussion of the research project</td> <td>30/100</td> <td>50/100</td> </tr> <tr> <td colspan="3">Eligibility is achieved with a minimum score of 60/100</td> </tr> </tbody> </table>	parameter	minimum score	maximum score	Curriculum vitae, publications and other qualification documents, research project	30/100	50/100	Applicants who obtain a score of at least 30/100 in the evaluation of the above parameters will be admitted to the interview			Interview: discussion of the research project	30/100	50/100	Eligibility is achieved with a minimum score of 60/100		
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Curriculum vitae, publications and other qualification documents, research project	30/100	50/100														
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Interview: discussion of the research project	30/100	50/100														
Eligibility is achieved with a minimum score of 60/100																
THEMATICS	<p>Curriculum in Clinical physiopathology, aging and nursing sciences</p> <p><u>Nursing area</u></p> <ol style="list-style-type: none"> 1. Organ donation in nursing sciences 2. Clinical risk in nursing sciences 3. Nursing Management of signs and symptoms <p><u>Medical Area</u></p> <ol style="list-style-type: none"> 1. Pathogenetic and Therapeutic Mechanisms of immunovascular diseases 2. Physiopathology of atherosclerosis 3. Mechanisms of action, efficacy and safety of antithrombotic therapy 4. Physiopathology of acute coronary syndromes 5. Atherogenic dyslipidemias: from the genetic diagnosis to the treatment 6. Venous thromboembolic disease: new pathogenetic mechanisms 															

	<ol style="list-style-type: none"> 7. Aging and age correlated disease biomolecular mechanisms 8. Physiopathology and clinical epidemiology of age correlated fragility and disability 9. Aging of cardiovascular system and age correlated myocardopathies 10. Physiopathology and clinical epidemiology of the cognitive decline in the elderly 11. The management of major traumas in Italy and Europe 12. Development of new methodologies of advanced simulation for the implementation of the trauma team efficiency <p>Curriculum in Clinical and Experimental Medicine and Radiology:</p> <ol style="list-style-type: none"> 1. The biological bases (cellular, molecular, genetic, metabolic, microbiologic, hormonal) of immune dysregulated diseases (chronic inflammatory diseases, immunodeficiencies, cancer, chronic autoimmunity) 2. Biomarkers phenotypization, gender and precision therapies in immunodysregulated diseases 3. The role of the new MRI (Diffusion, Perfusion, Spectroscopy) and CT parameters (Perfusion with techniques of reduction of the dose in MultiSlice-CT and ConeBeam-CT) in the pre and post therapy evaluation of the different anatomic areas (neuro and head, heart and chest, abdomen and pelvis) 4. New Imaging techniques in the evaluation of skin, lung, and microcirculation of fibrosing autoimmune diseases 5. Study of genetic bases and clinical/laboratory stratification of common variable immunodeficiency as prototype of immunodysregulation diseases, infections, autoimmunity and tumors 6. Predisposing factors, physiopathology, organ involvement and therapeutic approaches to autoimmunity 7. Predisposing factors, physiopathology, and innovative therapeutic approaches in Allergic diseases 8. Predisposing factors, physiopathology, and innovative therapeutic approaches in fibrosing autoimmune diseases 9. Study of the correlation between the immune system and the microbiota in the genesis of chronic inflammatory diseases and neoplasias 10. Study of the intratumoral and peripheral immune response in solid tumors 11. Translational aspects of chronic hepatopathies and primitive tumors of the liver 12. Cancer immunotherapy: strategies of implementation and personalisation of the treatment 13. Oncogenesis and biomarkers of neoplastic evolution secondary to hepatic viruses 14. Cryoglobulinemic syndromes and lymphoproliferative disorders in hepatic viruses infections 15. Immunotherapy in autoimmunity and rare immunomediated diseases 16. New classification and organ involvement in rheumatic diseases <p>Curriculum in Clinical Pathology, in Musculoskeletal diseases and calcified tissues</p> <ol style="list-style-type: none"> 1. Innovative surgical methodologies of prosthetic surgery 2. Biomaterials for orthopedic surgery 3. Analysis and evaluation of prostheses interaction 4. Mineral and bone metabolism in clinical models of the diseases of the calcified tissues
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	<p>Curriculum in Anesthesiology and Surgery</p> <p><u>Surgical area</u></p> <ol style="list-style-type: none"> 1. New miniinvasive technology in general, urologic and e vascular surgery 2. Molecoular precision medicine in gastrointestinal oncology 3. Guided surgery guided by the virtual reality in 3D- D 4. New technologie in the miniinvasive and conservative surgery in Crohn disease 5. Optimization of the surgical procedure in the pre–, intra– e postsurgical phase in IBD 6. Role of simulation in the learning of new surgical techniques 7. The development of renal trapiantology: from immunotherapy to surgery 8. Techonolical innovations in the surgical treatment of benign prostate hypertrophy 9. Gender dysphoria: from psychological to surgery problems <p><u>Anesthesiology Area</u></p> <ol style="list-style-type: none"> 1. Advantges and limits of the use of long term central venous catheterism 2. The pathways of perioperative medicine 3. Periooperative acute renal damage perioperatorio in high complexity interventions <p>Curriculum in Psychology and Pain Therapy</p> <ol style="list-style-type: none"> 1. The role of neuronal and non–neuronal TRP channels in inflammatory neuropatic and oncologic pain 2. Molecular bases of the GGRP dependent mechanism in the genesis of pain in headache 3. Psichological and Psichosocial mechanisms implicated in the onset and maintenance of pain and disease 4. Research methods in clinical and health psychology 5. Psychological interventions in chronic and non-chronic pain disturbances <p>Curriculum in global health and International cooperation on mobile populations</p> <ol style="list-style-type: none"> 1. Epidemiology and clinics of emergent/reemergent infections in countries with a medium low income and in mobile/migrant populations 2. Diagnostic approach emergent/reemergent infections in countries with a medium low income and in mobile/migrant populations 3. Parassitoses and allergic diseases in countries in development and in mobil epopulations 4. Tuberculosis and host response in countries with a medium low income and in mobile/migrant populations 5. Allergic diseases in mobile populations
<p>Further information available at the following web page: https://www.dmsc.unifi.it/vp-319-nuova-pagina-dottorato.html</p>	

EXAMINATION SCHEDULE			
	DATE	TIME	PLACE
INTERVIEW	18 September 2018	8:30 a.m.	CUBO Viale Pieraccini, 6 – Florence "Aula Piccola"
<p>The list of candidates admitted to the interview and the final ranking will be published at the following web page: https://www.unifi.it/p11361.html</p>			



SCIENTIFIC AREA	
ADMINISTRATIVE OFFICE	Department of Physics and Astronomy
CURRICULA	NO
POSITIONS AVAILABLE: 10 Positions with Scholarship: 8 Positions without Scholarship: 2	
Scholarships: 8	5 – University of Florence 1 – Department of Physics and Astronomy 2 – Istituto Nazionale di Fisica Nucleare (I.N.F.N.)
RESERVED POSITIONS	NO
STUDY/RESEARCH PERIODS ABROAD	Not required
DOCUMENTS TO BE ENCLOSED WITH THE APPLICATION	MANDATORY DOCUMENTS <ul style="list-style-type: none">• Copy of the Identification Document (ID Card, Passport, etc.)• Replacement Declaration Form declaration, in lieu of certification, of the list of taken exams with accompanying grades for the Bachelor of Science (B.Sc.) and for the Master of Science (M.Sc.) degrees (or equivalent), and the title of the thesis, (independently of whether the applicant has yet to defend his Thesis)• Curriculum vitae et studiorum• Research project OPTIONAL DOCUMENTS <ul style="list-style-type: none">• List of publications• Other qualification documents
REFERENCE LETTERS	A dedicated section in the online application, must be used to specify the e-mail addresses of two professors/researchers willing to provide information about the candidate University history and his research activities within a scientific field related to the Ph.D. course of the Department of Physics and Astronomy.
RESEARCH PROJECT	The Research Project must be at most two A4 pages long. The Project may be written in Italian or English.
MODALITY OF EVALUATION	<ul style="list-style-type: none">• Evaluation of the curriculum, of the research project and of the other qualification documents• Interview as detailed in the section below "evaluation marks"
OTHER LANGUAGE FOR THE EXAMINATIONS	English

SKYPE INTERVIEW	YES – possible for foreign residents only												
EVALUATION MARKS	TITLES AND QUALIFICATION DOCUMENTS												
	<table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 70%;">parameter</th> <th style="width: 15%;">minimum score</th> <th style="width: 15%;">maximum score</th> </tr> </thead> <tbody> <tr> <td>Research project</td> <td style="text-align: center;">–</td> <td style="text-align: center;">6</td> </tr> <tr> <td>Publication and other qualification documents</td> <td style="text-align: center;">–</td> <td style="text-align: center;">4</td> </tr> <tr> <td>Curriculum vitae et studiorum, references letters, and list of taken exams with accompanying grades</td> <td style="text-align: center;">–</td> <td style="text-align: center;">38</td> </tr> </tbody> </table>	parameter	minimum score	maximum score	Research project	–	6	Publication and other qualification documents	–	4	Curriculum vitae et studiorum, references letters, and list of taken exams with accompanying grades	–	38
	parameter	minimum score	maximum score										
	Research project	–	6										
	Publication and other qualification documents	–	4										
	Curriculum vitae et studiorum, references letters, and list of taken exams with accompanying grades	–	38										
	Applicants who obtain a mark of at least 32/120 in the evaluation of the above parameters will be admitted to the interview												
	INTERVIEW												
<table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 70%;">parameter</th> <th style="width: 15%;">minimum score</th> <th style="width: 15%;">maximum score</th> </tr> </thead> <tbody> <tr> <td>Interview: discussion of the research project, the qualification documents presented and publications</td> <td style="text-align: center;">48</td> <td style="text-align: center;">72</td> </tr> </tbody> </table>	parameter	minimum score	maximum score	Interview: discussion of the research project, the qualification documents presented and publications	48	72							
parameter	minimum score	maximum score											
Interview: discussion of the research project, the qualification documents presented and publications	48	72											
Eligibility is achieved with a minimum score of 80/120													
FURTHER INFORMATION ON THE EVALUATION PROCESS	The two reference letters are to be used in the evaluation of the applicant titles.												
THEMATICS	The interview will concern the research project, the thesis work, and basic physics knowledge used in the thesis.												
Further information available at the following website page: https://www.fisica.unifi.it/vp-26-dottorato-in-fisica-e-astronomia.html													

EXAMINATION SCHEDULE			
	DATE	TIME	PLACE
INTERVIEW	4 September 2018	9:00 a.m.	Department of Physics and Astronomy Via Sansone, 1 Sesto Fiorentino – Florence Room 281
The list of candidates admitted to the interview and the final ranking will be published at the following web page: https://www.unifi.it/p11361.html			



UNIVERSITÀ
DEGLI STUDI
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INTERNATIONAL DOCTORATE IN ATOMIC AND MOLECULAR PHOTONICS

Coordinator prof. Francesco Saverio Cataliotti

SCIENTIFIC AREA	
ADMINISTRATIVE OFFICE	Department of Physics and Astronomy
PARTNERS INSTITUTIONS	Universidad Complutense de Madrid Imperial College of London
CURRICULA	NO
POSITIONS AVAILABLE: 9 Positions with Scholarship:: 7 Positions without Scholarship: 2* <i>*standard ranking</i>	
Ranking List for STANDARD POSITIONS Scholarships available: 6	1 – University of Florence 5 – European Laboratory for Non-linear Spectroscopy (LENS)
Ranking List for POSITIONS WITH SPECIFIC RESEARCH TOPICS scholarship available: 1	1 - University of Florence – Fondo Pluriennale Piano Strategico 2018 “Towards the artificial heart: smart biomaterials for the development of new epicardial devices”
RESERVED POSITIONS	NO
STUDY/RESEARCH PERIODS ABROAD	YES
MANDATORY PERIOD REQUIRED	3 months in foreign laboratories
DOCUMENTS TO BE ENCLOSED WITH THE APPLICATION	MANDATORY DOCUMENTS <ul style="list-style-type: none">• Copy of the Identification Document• Replacement Declaration Form• Curriculum vitae• Research Project OPTIONAL DOCUMENTS <ul style="list-style-type: none">• List of publications (in English)• Qualification documents (in English)
REFERENCE LETTERS	A section is provided in the online application to specify the e-mail addresses of two professors/researchers willing to provide information about candidates training path and activities performed within a scientific field related to the Ph.D. course.
RESEARCH PROJECT AND DOCUMENTS	The Candidate shall present a Research Project for her/his activity during the three years Ph.D.. The project must be two A4 pages. The project, the CV and all the other titles should be written in English.

MODALITY OF EVALUATION	<ul style="list-style-type: none"> • evaluation of the curriculum, of the research project, and of the scientific qualifications documents • Interview as detailed in the section below “evaluation marks”. 																		
LANGUAGE FOR THE INTERVIEW	English for all applicants																		
SKYPE INTERVIEW	YES – possible for foreign residents only																		
FURTHER INFORMATION ABOUT EXAMINATION	Interview will be focused on the discussion of the research project and on the curriculum submitted by the candidate. Candidates interested in the specific research topic scholarship will be required to answer questions on smart bio-materials.																		
EVALUATION MARKS	<table border="1"> <thead> <tr> <th>parameter</th> <th>minimum score</th> <th>maximum score</th> </tr> </thead> <tbody> <tr> <td>Curriculum vitae, publications, qualification documents</td> <td>13/120</td> <td>20/120</td> </tr> <tr> <td>Project research</td> <td>27/120</td> <td>40/120</td> </tr> <tr> <td colspan="3">Applicants who obtain at least 40/120 marks in the evaluation of the above parameters will be admitted to the interview</td> </tr> <tr> <td>Interview</td> <td>40/120</td> <td>60/120</td> </tr> <tr> <td colspan="3">Eligibility is achieved with a minimum score of 80/120</td> </tr> </tbody> </table>	parameter	minimum score	maximum score	Curriculum vitae, publications, qualification documents	13/120	20/120	Project research	27/120	40/120	Applicants who obtain at least 40/120 marks in the evaluation of the above parameters will be admitted to the interview			Interview	40/120	60/120	Eligibility is achieved with a minimum score of 80/120		
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Interview	40/120	60/120																	
Eligibility is achieved with a minimum score of 80/120																			
Further information available at the following web page: http://phd.lens.unifi.it/																			

EXAMINATION SCHEDULE			
	DATE	TIME	PLACE
INTERVIEW	10 September 2018	9:00 a.m.	LENS Via N. Carrara 1 Sesto Fiorentino - Florence
The list of the candidates admitted to the oral test and the final ranking will be published online at the following website page: https://www.unifi.it/p11361.html			



SCIENTIFIC AREA	
ADMINISTRATIVE OFFICE	Magnetic Resonance Center (CERM)
PARTNERS INSTITUTIONS	Utrecht University University of Frankfurt
CURRICULA	NO
POSITIONS AVAILABLE: 6 Positions with Scholarship: 5 Position without Scholarship: 1* <i>* standard ranking only</i>	
Ranking List for STANDARD POSITIONS Scholarships available: 4	1 – University of Florence 2 – Interuniversity Consortium for Magnetic Resonance of Metal Proteins (CIRMMP) 1 – Co-financed CIRMMP - Department of Chemistry “Ugo Schiff” and Fondazione Ente Cassa di Risparmio
Ranking List for POSITIONS WITH SPECIFIC RESEARCH TOPICS - scholarship available: 1	University of Florence – Fondo Pluriennale Piano Strategico 2018 “Metabolomic approach for the prediction of clinic outcome and mortality in patients with ischemic stroke”.
RESERVED POSITIONS	NO
STUDY/RESEARCH PERIODS ABROAD	YES
MANDATORY PERIOD REQUIRED	3 months in foreign laboratories
DOCUMENTS TO BE ENCLOSED WITH THE APPLICATION	MANDATORY DOCUMENTS <ul style="list-style-type: none">• Copy of the Identification Document• Replacement Declaration Form• Curriculum vitae• Research Project• the list of taken exams with accompanying grades for the Bachelor of Science (B.Sc.) and for the Master of Science (M.Sc.) degrees (or equivalent) OPTIONAL DOCUMENTS <ul style="list-style-type: none">• List of publication• qualification documents
REFERENCE LETTERS	A section is provided in the online application to specify the e-mail addresses of two professors/researchers willing to provide information about candidates training path and activities performed within a scientific field related to the Ph.D. course.

RESEARCH PROJECT AND DOCUMENTS	<p>The research project, of maximum length of 1,000 words, references excluded, should describe a possible research activity that could be developed during the Ph.D. course.</p> <p>For the position with a specific research topic, the project should be as close as possible to the topic of the position. The same project can be presented for both the position for a specific research topic and for the standard positions. All the documentation requested must be written in English.</p>														
MODALITY OF EVALUATION	<ul style="list-style-type: none"> • Interview including the evaluation of curriculum vitae, research project, publications and other qualification documents, as detailed in the section below "Evaluation Marks" 														
LANGUAGE FOR THE INTERVIEW	English for all applicants														
SKYPE INTERVIEW	YES – possible for foreign residents only														
FURTHER INFORMATION ABOUT EXAMINATIONS	<p>The research project will be discussed and evaluated during the interview. During the interview, the Commission will also evaluate the ability of the candidate to perform a scientific research in structural biology or related fields, in consideration of the received training, of the reasoning skills on a thematic of interest of the candidate and on the submitted research project. For the position with a specific research topic, during the interview, the knowledge of the candidate regarding the topic of the position will also be evaluated.</p>														
EVALUATION MARKS	<table border="1"> <thead> <tr> <th>INTERVIEW</th> <th>minimum score</th> <th>maximum score</th> </tr> </thead> <tbody> <tr> <td>Evaluation of Curriculum vitae, publications, qualification documents and research project</td> <td>-</td> <td>60/120</td> </tr> <tr> <td>Interview</td> <td>-</td> <td>60/120</td> </tr> <tr> <td colspan="3" style="text-align: center;">Eligibility is achieved with a minimum score of 80/120</td> </tr> </tbody> </table>			INTERVIEW	minimum score	maximum score	Evaluation of Curriculum vitae, publications, qualification documents and research project	-	60/120	Interview	-	60/120	Eligibility is achieved with a minimum score of 80/120		
INTERVIEW	minimum score	maximum score													
Evaluation of Curriculum vitae, publications, qualification documents and research project	-	60/120													
Interview	-	60/120													
Eligibility is achieved with a minimum score of 80/120															
<p>Further information available at the following web page: http://www.cerm.unifi.it/about-cerm/international-doctorate</p>															

EXAMINATION SCHEDULE			
	DATE	TIME	PLACE
INTERVIEW	6 September 2018	11:30 a.m.	Magnetic Resonance Center (CERM) Via Luigi Sacconi, 6 Sesto Fiorentino (FI)
<p>The list of the candidates admitted to the interview and the final ranking will be published online at the following web page: https://www.unifi.it/p11361.html</p>			



UNIVERSITÀ
DEGLI STUDI
FIRENZE

DOCTORAL PROGRAMME IN MATHEMATICS, COMPUTER SCIENCE, STATISTICS

Coordinator prof. Paolo Salani

SCIENTIFIC AREA	
ADMINISTRATIVE OFFICE	Department of Mathematics and Computer Science "U. Dini"
PARTNERS INSTITUTIONS	University of Perugia Istituto Nazionale di Alta Matematica "F. Severi" (INDAM)
CURRICULA	<ol style="list-style-type: none"> 1. Mathematics 2. Computer Science 3. Statistics
POSITIONS AVAILABLE: 15 Positions with Scholarship: 12 Positions without Scholarship: 3* <i>* standard ranking</i>	
Ranking List for STANDARD POSITIONS - scholarships available: 8	3 – University of Florence 3 – University of Perugia 2 – Istituto Nazionale di Alta Matematica "F Severi" (INDAM)
Ranking List for POSITIONS WITH SPECIFIC RESEARCH TOPICS - scholarship available: 1	Department of Statistics, Computer Science, Applications "G. Parenti" - Progetto Ministeriale "Dipartimenti di Eccellenza 2018-2022" Thematic: "Data Science" The Ph.D. student will be involved in the development of innovative statistical learning methods, and computationally efficient algorithms, for the analysis of high-dimensional data and data with complex structures to support research in substantive fields.
Ranking List for RESERVED POSITIONS - positions with scholarship available: 3	University of Florence These positions are reserved to applicants who have obtained in a foreign University the degree required to be admitted to the Ph.D. courses.
STUDY/RESEARCH PERIODS ABROAD	Not required
DOCUMENTS TO BE ENCLOSED WITH THE APPLICATION	MANDATORY DOCUMENTS <ul style="list-style-type: none"> • Copy of the Identification Document • Replacement Declaration Form • Curriculum vitae • Research Project OPTIONAL DOCUMENTS <ul style="list-style-type: none"> • List of publications • Qualification documents
REFERENCE LETTERS	A section is provided in the online application to specify the e-mail addresses of two professors/researchers willing to provide information about candidates training path and activities performed within a scientific field related to the Ph.D. course.

RESEARCH PROJECT	The research project, consisting of 5,000 characters maximum, will be discussed and evaluated during the interview, and will contribute to the evaluation of the aptness of the applicant for research.																														
MODALITY OF EVALUATION	<p>STANDARD POSITIONS AND SPECIFIC POSITION</p> <ul style="list-style-type: none"> • Written examination • Interview along with the evaluation of the curriculum, of the research project and of the scientific qualifications documents as detailed in the section below “evaluation marks” <p>RESERVED POSITIONS</p> <ul style="list-style-type: none"> • Evaluation of the curriculum, of the research project, and of the scientific qualifications documents as detailed in the section below “evaluation marks” • Interview 																														
OTHER LANGUAGE FOR THE EXAMINATIONS	English																														
SKYPE INTERVIEW	YES – for candidates not resident in Italy who apply for reserved positions only																														
INFORMATION ABOUT EXAMINATIONS	<p>The written examination is a comprehensive exam that assesses the knowledge of basic concepts of the involved disciplines. Examples of previous written examinations can be found at : https://www.dimai.unifi.it/vp-140-ammissione-al-dottorato.html</p> <p>The interview is aimed to evaluate the basic preparation and the research potential of the candidate and to discuss the research project, curriculum and other possible qualifications. In the case of applicants for the “Data Science” position, the interview will have an additional part regarding the specific topic.</p>																														
EVALUATION MARKS	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="text-align: center;">STANDARD POSITIONS AND SPECIFIC POSITION</th> </tr> <tr> <th style="text-align: center;">parameter</th> <th style="text-align: center;">minimum score</th> <th style="text-align: center;">maximum score</th> </tr> </thead> <tbody> <tr> <td>Written examination</td> <td style="text-align: center;">40/60</td> <td style="text-align: center;">60/60</td> </tr> <tr> <td>Interview: curriculum vitae, scientific qualification documents, research project</td> <td style="text-align: center;">40/60</td> <td style="text-align: center;">60/60</td> </tr> <tr> <td colspan="3" style="text-align: center;">Eligibility is achieved with a minimum score of 80/120</td> </tr> <tr> <th colspan="3" style="text-align: center;">RESERVED POSITIONS</th> </tr> <tr> <th style="text-align: center;">parameter</th> <th style="text-align: center;">minimum score</th> <th style="text-align: center;">maximum score</th> </tr> <tr> <td>Curriculum vitae, scientific qualification documents, research project</td> <td style="text-align: center;">40/60</td> <td style="text-align: center;">60/60</td> </tr> <tr> <td>Interview</td> <td style="text-align: center;">40/60</td> <td style="text-align: center;">60/60</td> </tr> <tr> <td colspan="3" style="text-align: center;">Eligibility is achieved with a minimum score of 80/120</td> </tr> </tbody> </table>	STANDARD POSITIONS AND SPECIFIC POSITION			parameter	minimum score	maximum score	Written examination	40/60	60/60	Interview: curriculum vitae, scientific qualification documents, research project	40/60	60/60	Eligibility is achieved with a minimum score of 80/120			RESERVED POSITIONS			parameter	minimum score	maximum score	Curriculum vitae, scientific qualification documents, research project	40/60	60/60	Interview	40/60	60/60	Eligibility is achieved with a minimum score of 80/120		
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Curriculum vitae, scientific qualification documents, research project	40/60	60/60																													
Interview	40/60	60/60																													
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<p>Further information available at the following web page: https://www.dimai.unifi.it/vp-26-dottorati.html</p>																															

EXAMINATIONS SCHEDULE			
	DATE	TIME	PLACE
STANDARD POSITIONS AND SPECIFIC POSITION			
WRITTEN EXAMINATION	10 September 2018	12:30 p.m.	Department of Mathematics and Computer Science Viale Morgagni 67/A – Florence
INTERVIEW	12 September 2018	9:00 a.m.	
RESERVED POSITIONS			
INTERVIEW	13 September 2018	9:00 a.m. (italian time)	Department of Mathematics and Computer Science Viale Morgagni 67/A – Florence (or by Skype)
<p>The list of candidates admitted to the written examination will be published online at the following web page: https://www.unifi.it/p11361.html</p> <p>The list of candidates admitted to the oral test will be published online at the following web page: https://www.dimai.unifi.it/vp-26-dottorati.html</p> <p>The final ranking will be published online at the following web page: https://www.unifi.it/p11361.html</p>			



UNIVERSITÀ
DEGLI STUDI
FIRENZE

DOCTORAL PROGRAMME IN CHEMICAL SCIENCES

Coordinator prof. Piero Baglioni

SCIENTIFIC AREA	
ADMINISTRATIVE OFFICE	Department of Chemistry "Ugo Schiff"
CURRICULA	<ol style="list-style-type: none">1. Chemistry2. Science for the Conservation of Cultural Heritage
POSITIONS AVAILABLE: 10 Positions with Scholarship: 8 Positions without Scholarship: 2	
Scholarships: 8	6 – University of Florence 1 – Department of Chemistry "Ugo Schiff" – Thematic: "Electrodeposition and characterization of surfaces of industrial and technological interest" 1 – Department of Chemistry "Ugo Schiff" – Thematic: "Investigation on molecular magnetic systems of interest in quantum technology and spintronic"
RESERVED POSITIONS	NO
STUDY/RESEARCH PERIODS ABROAD	Not required
DOCUMENTS TO BE ENCLOSED WITH THE APPLICATION	MANDATORY DOCUMENTS <ul style="list-style-type: none">• Copy of the Identification Document• Replacement Declaration Form• Curriculum vitae et studiorum• List of taken exams with grades for the Master of Science (M.Sc.) degrees (or equivalent),• Research project• Title and short summary (maximum five A4 sheets) of the Master thesis. OPTIONAL DOCUMENTS <ul style="list-style-type: none">• List of publications• Qualification documents
REFERENCE LETTERS	A section is provided in the online application to specify the e-mail addresses of two professors/researchers willing to provide information about candidates training path and activities performed within a scientific field related to the Ph.D. course.
RESEARCH PROJECT	The research project must be written in English in no more than 12,000 characters including spaces, comprising abstract, introduction and references, in order to assess the applicant's aptitude to research.
MODALITY OF EVALUATION	<ul style="list-style-type: none">• Evaluation of curriculum vitae, research project, publications and other qualification documents• Interview as detailed in the section below "Evaluation Marks"

LANGUAGE FOR THE EXAMINATION	The interview may be given in English. If given in Italian, the interview will include an assessment of English language proficiency.			
SKYPE INTERVIEW	YES – possible for foreign resident only			
EVALUATION MARKS		parameter	minimum score	maximum score
		Curriculum vitae; publications , student career qualification documents	40/120	60/120
		Interview: discussion of the research project, the qualification documents and publications	40/120	60/120
	Eligibility is achieved with a minimum score of 80/120			
FURTHER INFORMATION ON THE EXAMINATION	Interview deals with the presented research project as well as the subject of the thesis work and the chemical background related to it			
Further information available at the following website page: https://www2.chim.unifi.it/cmpro-v-p-218.html				

EXAMINATION SCHEDULE			
	DATE	TIME	PLACE
INTERVIEW	5 September 2018	10:00 a.m.	Department of Chemistry "Ugo Schiff" Via della Lastruccia, 3-13 Sesto Fiorentino – Florence
The list of the candidates admitted to the oral test and the final ranking will be published online at the following website page: https://www.unifi.it/p11361.html			



UNIVERSITÀ
DEGLI STUDI
FIRENZE

DOCTORAL PROGRAMME IN POLITICAL AND SOCIAL CHANGE

Coordinator prof. Dimitri D'Andrea

SOCIAL SCIENCES AREA	
ADMINISTRATIVE OFFICE	Department of Political and Social Sciences
PARTNER INSTITUTIONS	University of Turin - Department of Cultures, Politics and Society
CURRICULA	NO
POSITIONS AVAILABLE: 8 Positions with Scholarship: 8 Positions without Scholarship: <i>not foreseen</i>	
Ranking List for STANDARD POSITIONS scholarships available: 7	3 – University of Florence 3 – University of Turin 1 - University of Turin - Department of Cultures, Politics and Society Progetto Ministeriale “Dipartimenti di Eccellenza 2018-2022” The research project aimed at analyzing, on a theoretical and empirical level, social problems of great collective importance, to be investigated with a multidisciplinary approach, according to a stakeholder-oriented logic and a public social science approach.
Ranking List for POSITIONS WITH SPECIFIC RESEARCH TOPICS scholarship available: 1	University of Florence – Fondo Pluriennale Piano Strategico 2018 “Beyond Rational Actor Theories”
RESERVED POSITIONS	NO
STUDY/RESEARCH PERIODS ABROAD	YES
MANDATORY PERIOD REQUIRED	3 months
DOCUMENTS TO BE ENCLOSED WITH THE APPLICATION	MANDATORY DOCUMENTS <ul style="list-style-type: none">• Copy of the Identification Document• Replacement Declaration Form• Curriculum vitae et studiorum• Transcript of records of B.Sc. and M.Sc. degree with grades• Abstract of M.Sc. degree thesis• Research Project OPTIONAL DOCUMENTS <ul style="list-style-type: none">• Copy of a chapter of M.Sc. dissertation in .pdf format;• List of any additional qualification document and scientific publication

REFERENCE LETTERS	A section is provided in the online application to specify the e-mail addresses of two professors/researchers willing to provide information about candidates training path and activities performed within a scientific field related to the Ph.D. course.
RESEARCH PROJECT	<p>Research project, in no more than 30,000 characters including blanks (bibliography not included). Candidates can present a research project for each ranking. For the candidates who are competing for the specific thematic "Beyond Rational Actor Theories" the project will deal with the theoretical approaches that, starting from the beginning of the twentieth century, have highlighted the analytical limits of the rational actor paradigm, opening unprecedented research perspectives on the social action and social actor and effectively contributing to the reinterpretation of the classics of the action theory.</p> <p>For candidates who are competing for the specific thematic "Theory for applied social research", the research project aimed at analyzing, on a theoretical and empirical level, social problems of great collective importance, to be investigated with a multidisciplinary approach, according to a stakeholder-oriented logic and a public social science approach. By way of example, privileged perspectives of study can be: decision-making processes related to complex phenomena in the economic, political and social sphere; public and media representation of specific problems; the definition and redefinition of the public agenda; the unexpected effects and unintended consequences of certain choices; impact and evaluation of public policies; the processes of economic and social innovation; the problems emerging at different territorial scales; the changes brought about by new digital technologies; the new forms of connection between economy, politics and society, the role of public opinion in the social-political arena and in decision-making processes.</p>
MODALITY OF EVALUATION	<ul style="list-style-type: none"> • Evaluation of curriculum vitae, research project, publications and other qualification documents • Interview as detailed in the section below "Evaluation Marks"
OTHER LANGUAGE FOR THE EXAMINATIONS	English
SKYPE INTERVIEW	YES – possible for foreign resident only
FURTHER INFORMATION ABOUT EXAMINATION	The interview consists on the discussion of publications, qualification documents, research project, as well as the discussion on the texts listed in the section below " Thematics ". For the position with a specific research topic, during the interview, the knowledge of the candidate regarding the thematic of the scholarship will also be evaluated.

EVALUATION MARKS	<table border="1"> <thead> <tr> <th>parameter</th> <th>minimum score</th> <th>maximum score</th> </tr> </thead> <tbody> <tr> <td>Curriculum, publications, qualification documents</td> <td>15/120</td> <td>20/120</td> </tr> <tr> <td>Final grade, abstract of the MSc dissertation, chapter of MSc dissertation</td> <td>35/120</td> <td>50/120</td> </tr> <tr> <td colspan="3">Applicants obtaining a score of at least 50/120 in the evaluation of the two above mentioned parameters will be admitted to the interview</td> </tr> <tr> <td>Interview: discussion of publications, qualification documents, research project, and discussion of the texts</td> <td>30/120</td> <td>50/120</td> </tr> <tr> <td colspan="3">Eligibility is achieved with a minimum score of 80/120</td> </tr> </tbody> </table>	parameter	minimum score	maximum score	Curriculum, publications, qualification documents	15/120	20/120	Final grade, abstract of the MSc dissertation, chapter of MSc dissertation	35/120	50/120	Applicants obtaining a score of at least 50/120 in the evaluation of the two above mentioned parameters will be admitted to the interview			Interview: discussion of publications, qualification documents, research project, and discussion of the texts	30/120	50/120	Eligibility is achieved with a minimum score of 80/120		
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Eligibility is achieved with a minimum score of 80/120																			
THEMATICS	<ul style="list-style-type: none"> - M. Weber, <i>Protestant Ethics and the Spirit of Capitalism</i> - M. Weber, <i>Politics as a Vocation</i> - J.J. Linz, <i>Totalitarian and Authoritarian Regimes</i> - M. Foucault, <i>Security, Territory, Population: Lectures at the College De France, 1977-1978</i> - H. Arendt, <i>On Revolution</i> - K. Polanyi, <i>The Great Transformation</i> - R. Boudon, <i>Theories of Social Change: a Critical Appraisal</i> - P. Berger e T. Luckmann, <i>The Social Construction of Reality</i> - N. Elias e J. L. Scotson, <i>The Established and the Outsiders</i> - H. S. Becker, <i>Tricks of the Trade. How to Think About your Research While You're Doing it</i> <p>Scholarship with specific research topic "Theory for applied social research" By way of example, privileged perspectives of study can be: decision-making processes related to complex phenomena in the economic, political and social sphere; public and media representation of specific problems; the definition and redefinition of the public agenda; the unexpected effects and unintended consequences of certain choices; impact and evaluation of public policies; the processes of economic and social innovation; the problems emerging at different territorial scales; the changes brought about by new digital technologies; the new forms of connection between economy, politics and society, the role of public opinion in the social-political arena and in decision-making processes.</p>																		
Further information available at the following web page: https://www.dsps.unifi.it/vp-233-dottorato-di-ricerca-in-mutamento-sociale-e-politico.html																			

EXAMINATION SCHEDULE			
	DATE	TIME	PLACE
INTERVIEW	21 September 2018	9:00 a.m.	Department of Political and Social Sciences Via delle Pandette, 32 - Florence
The list of the candidates admitted to the oral test and the final ranking will be published online at the following web page: https://www.unifi.it/p11361.html			



DOCTORAL PROGRAMME IN LEGAL SCIENCES

Coordinator prof. Alessandro Simoni

SOCIAL SCIENCES AREA	
ADMINISTRATIVE OFFICE	Department of Legal Sciences (DSG)
PARTNERS INSTITUTIONS	Concerning the International Curriculum in Theory and History of Law – Theory and History of Human Rights: - University of Paraná - Curitiba (Brazil) - University Federal University of Paraíba - Joao Pessoa (Brazil)
CURRICULA	<ol style="list-style-type: none"> 1. Criminal Law and Criminal Procedure 2. Private Law 3. International and European Union law 4. Public Law – Town Planning Law and Environmental Law 5. Theory and History of Law – Theory and History of Human Rights (International) 6. Comparative Law
POSITIONS AVAILABLE: 12 Positions with Scholarship: 9 Position without Scholarship: 3* <i>* standard ranking only</i>	
Ranking List for STANDARD POSITIONS scholarships available: 7	University of Florence
Ranking List for POSITIONS WITH SPECIFIC RESEARCH TOPICS scholarships available: 2	<p>1 – Centro Studi per la Storia del Pensiero Giuridico Moderno – Progetto Ministeriale “Dipartimenti di Eccellenza 2018-2022” “The historicity of the European legal dimension with special reference to welfare rights: development ad crisis”</p> <p>1 – University of Florence – Fondo Pluriennale Piano Strategico 2018 “Hydrogeological instability in the Florence area: science and law at the service of the prevention and management of natural phenomena”</p>
RESERVED POSITIONS	NO
STUDY/RESEARCH PERIODS ABROAD	YES – only for the curriculum in Theory and History of Law – Theory and History of Human Rights (International)
MANDATORY PERIOD REQUIRED	12 months – It is compulsory to complete one year of research in one of the universities that are parts to the agreement : University of Paraná (Curitiba, Brazil) e Federal university of Paraíba (Joao Pessoa, Brazil)
DOCUMENTS TO BE ENCLOSED WITH THE APPLICATION	MANDATORY DOCUMENTS <ul style="list-style-type: none"> • Copy of the Identification Document • Replacement Declaration Form • Curriculum vitae, with an abstract of the final degree paper (if any) of

	<p>no more than 20 lines</p> <ul style="list-style-type: none"> • Research Project <p>OPTIONAL DOCUMENTS</p> <ul style="list-style-type: none"> • List of publications (if any) • List of qualifications and experiences beyond the degree (if any) 												
RESEARCH PROJECT	The research project, of at most 5 pages, indicating with sufficient precision the subject, the objectives and the methodology, which will be discussed during the interview.												
MODALITY OF EVALUATION	<ul style="list-style-type: none"> • Written examination • Interview along with the evaluation of the curriculum, of the research project and of the scientific qualifications documents as detailed in the section below “evaluation marks” 												
OTHER LANGUAGES FOR THE EXAMINATIONS	The written examination can be held as well in English or French. During the interview the knowledge of a foreign language chosen by the candidate between English, French, German and Spanish will be assessed.												
SKYPE INTERVIEW	YES – possible for foreign residents only												
FURTHER INFORMATION ABOUT EXAMINATIONS	The written examination will be separate for respectively the assessment of the applications related to the ordinary scholarships and the assessment of those related to the positions with specific research topics. The examination will take place over the same day, with a schedule allowing the participation to both.												
EVALUATION MARKS	<table border="1"> <thead> <tr> <th>parameter</th> <th>minimum score</th> <th>maximum score</th> </tr> </thead> <tbody> <tr> <td>Written examination</td> <td>40/60</td> <td>60/60</td> </tr> <tr> <td>Interview, curriculum vitae, research project , other qualification documents</td> <td>40/60</td> <td>60/60</td> </tr> <tr> <td colspan="3" style="text-align: center;">Eligibility is achieved with a minimum score of 80/120</td> </tr> </tbody> </table>	parameter	minimum score	maximum score	Written examination	40/60	60/60	Interview, curriculum vitae, research project , other qualification documents	40/60	60/60	Eligibility is achieved with a minimum score of 80/120		
parameter	minimum score	maximum score											
Written examination	40/60	60/60											
Interview, curriculum vitae, research project , other qualification documents	40/60	60/60											
Eligibility is achieved with a minimum score of 80/120													
FURTHER INFORMATION ON THE EVALUATION PROCESS	<p>The written section will assess the knowledge of the fundamental notions of each area, the capacity to develop arguments, and the familiarity with the system of sources and the main research lines.</p> <p>The oral section will assess the capacity to effectively present the research project, and to provide evidence of the knowledge of the related topics.</p>												
THEMATICS	The written section will turn around aspects specific to each curriculum and, in the case of the positions related to specific research topics, around profiles that are particularly relevant for these.												
<p>Further information available at the following web page: https://www.dsg.unifi.it/vp-26-dottorato-in-scienze-giuridiche.html</p>													

EXAMINATIONS SCHEDULE			
	DATE	TIME	PLACE
WRITTEN EXAMINATION	11 September 2018	9:00 a.m.	Polo delle Scienze Sociali Via delle pandette, 35 Florence
INTERVIEW	13 September 2018	9:00 a.m.	
<p>The list of the candidates admitted to the written test will be published online at the following website page: https://www.unifi.it/p11361.html</p> <p>The list of the candidates admitted to the oral test will be published online at the following website page: https://www.dsg.unifi.it/vp-26-dottorato-in-scienze-giuridiche.html</p> <p>The final ranking will be published online at the following website page: https://www.unifi.it/p11361.html</p>			



DOCTORAL PROGRAMME IN ARCHITECTURE

Coordinator prof. Giuseppe De Luca

TECHNOLOGICAL AREA	
ADMINISTRATIVE OFFICE	Department of Architecture
CURRICULA	<ol style="list-style-type: none">1. Urban and Architectural planning and Design2. Technologies of Architecture3. History of Architecture and of the City4. Design5. Architectural and Environmental Survey and Representation6. Structures and Conservation of Architecture and Cultural Heritage7. Landscape Architecture8. Urban and Regional Planning
POSITIONS AVAILABLE: 12 Positions with Scholarship: 9 Positions without Scholarship: 3	
Scholarships: 9	University of Florence
RESERVED POSITIONS	NO
STUDY/RESEARCH PERIODS ABROAD	YES - only positions with scholarship
MANDATORY PERIOD REQUIRED	3 months
DOCUMENTS TO BE ENCLOSED WITH THE APPLICATION	<p>MANDATORY DOCUMENTS</p> <ul style="list-style-type: none">• Copy of the Identification Document• Replacement Declaration Form• Research Project• Curriculum vitae, related to training activities and research carried out by the candidate, of maximum two folders, as well as an indication of the foreign language (Ita/Eng) chosen for verification <p>OPTIONAL DOCUMENTS</p> <ul style="list-style-type: none">• Any other qualification document (if any)
REFERENCE LETTERS	A section is provided in the online application to specify the e-mail addresses of two professors/researchers willing to provide information about candidates training path and activities performed within a scientific field related to the Ph.D. course.

RESEARCH PROJECT	<p>The application must be accompanied by a research project, organized according to the points listed as follow:</p> <ul style="list-style-type: none"> - applicant's name and surname; - title of the research project and curriculum (indicate only one of the eight present curriculum); - summary and key words (identification of the research problem, main expected results, originality - max 500 characters, spaces included); - description of the research project (detailed description of the project with emphasis on the innovative aspects and scientific importance - min 5.000 / max 12.000 characters, (including spaces); <p>The project description should include:</p> <ul style="list-style-type: none"> - organization of the scientific problem and connected questions, with reference to the state of art; - objectives and expected results; - methodology and activities (with an indication of the tools that you deem necessary for the performance, already owned or to be acquired); - cultural and social interest and in the scientific community (expected scientific impact); - bibliography. 																		
MODALITY OF EVALUATION	<ul style="list-style-type: none"> • Evaluation of curriculum vitae, research project, publications and other qualification documents • Interview as detailed in the section below "Evaluation Marks" 																		
OTHER LANGUAGE FOR THE EXAMINATIONS	English																		
SKYPE INTERVIEW	YES – possible for foreign residents only																		
EVALUATION MARKS	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 60%;">parameter</th> <th style="width: 20%;">minimum score</th> <th style="width: 20%;">maximum score</th> </tr> </thead> <tbody> <tr> <td>Curriculum vitae, publications, other qualification documents</td> <td>10/120</td> <td>20/120</td> </tr> <tr> <td>Research Project</td> <td>30/120</td> <td>40/120</td> </tr> <tr> <td colspan="3">Applicants who obtain a mark of at least 40/120 according to the minimum score for each parameter will be admitted to the interview</td> </tr> <tr> <td>Interview (including discussion of the research project)</td> <td>40/120</td> <td>60/120</td> </tr> <tr> <td colspan="3">Eligibility is achieved with a minimum score of 80/120</td> </tr> </tbody> </table>	parameter	minimum score	maximum score	Curriculum vitae, publications, other qualification documents	10/120	20/120	Research Project	30/120	40/120	Applicants who obtain a mark of at least 40/120 according to the minimum score for each parameter will be admitted to the interview			Interview (including discussion of the research project)	40/120	60/120	Eligibility is achieved with a minimum score of 80/120		
parameter	minimum score	maximum score																	
Curriculum vitae, publications, other qualification documents	10/120	20/120																	
Research Project	30/120	40/120																	
Applicants who obtain a mark of at least 40/120 according to the minimum score for each parameter will be admitted to the interview																			
Interview (including discussion of the research project)	40/120	60/120																	
Eligibility is achieved with a minimum score of 80/120																			
FURTHER INFORMATION ON THE EVALUATION PROCESS	Research projects will be evaluated as a priority in the lines of work already present in the curricula																		
THEMATICS	The primary strategic objective of the Ph.D. programme in Architecture, in cultural and economic terms and both at a national and supranational level, is the conservation and sustainable valorization of the cultural heritage, from																		

	landscapes and cities to buildings and artifacts. For this reason it is advisable to consult the individual web pages of the curricula in which the main lines of research are shown active: http://www.dida.unifi.it/vp-352-dottorato-di-architettura.html
Further information available at the following web page: http://www.dida.unifi.it/vp-352-dottorato-di-architettura.html	

EXAMINATION SCHEDULE			
	DATE	TIME	PLACE
INTERVIEW	14 September 2018	9:00 a.m.	Palazzo Vegni Via San Niccolò, 93 Florence
The list of candidates admitted to the interview and the final ranking will be published at the following web page: https://www.unifi.it/p11361.html			



UNIVERSITÀ
DEGLI STUDI
FIRENZE

DOCTORAL PROGRAMME IN SUSTAINABLE MANAGEMENT OF AGRICULTURAL RESOURCES, FORESTRY AND FOOD

Coordinator prof. Susanna Nocentini

TECHNOLOGICAL AREA	
ADMINISTRATIVE OFFICE	Department of Agricultural, Food and Forestry Systems
CURRICULA	<ol style="list-style-type: none"> 1. Wine Economics and Rural Development 2. Forest Economics, Planning and Wood Science 3. Agricultural and Forest Engineering 4. Food Science and Technology
<p>POSITIONS AVAILABLE: 8 Positions with Scholarship: 6 Positions without Scholarship: 2* <i>* standard ranking only</i></p>	
Ranking List for STANDARD POSITIONS scholarships available: 5	<p>4 – University of Florence 1 – Department of Agricultural, Food and Forestry Systems Thematic: “Global Important Agricultural Heritage Systems: planning and management tools for their conservation” (The research activity concerns the FAO “Global Important Agricultural Heritage Systems”, land use systems and landscapes which are rich in biological diversity evolving from the co-adaptation of a rural community with its environment. It will focus on the identification of GIAHS sites, developing planning and management tools for their conservation).</p>
Ranking List for POSITIONS WITH SPECIFIC RESEARCH TOPICS scholarship available: 1	<p>University of Florence – Fondo Pluriennale Piano Strategico 2018 “Implicit and explicit measurements of sensory, affective and attentional responses to vegetable foods in pre-adolescent”</p>
RESERVED POSITIONS	NO
STUDY/RESEARCH PERIODS ABROAD	YES – mandatory only for positions with scholarship
MANDATORY PERIOD REQUIRED	3 months
DOCUMENTS TO BE ENCLOSED WITH THE APPLICATION	<p>MANDATORY DOCUMENTS</p> <ul style="list-style-type: none"> • Copy of the Identification Document • Replacement Declaration Form • Curriculum vitae (European format) • Research Project <p>OPTIONAL DOCUMENTS</p> <ul style="list-style-type: none"> • List of publications • Any other scientific qualification document
REFERENCE LETTERS	Candidates can provide, through a special section of the online application form, the e-mail address of one professor/researcher willing to provide information about the candidate’s education and research activities in a

	scientific field related to the PhD program.																		
RESEARCH PROJECT	<p>The research project must refer to one of the research topics of the PhD program (http://www.phd.gesaaf.unifi.it/ls-18-curricula.html) or to the specific research topic and must be included in the application form.</p> <p>The project can be written in Italian or English, and should be organized in the following sections: title, research question and state of the art, aims, materials and methods, expected results, cited references. The project should not exceed 12000 characters including spaces (not including references, tables and figures).</p> <p>The project will not necessarily be the PhD thesis project of the candidate, should he/she be accepted in the program.</p>																		
MODALITY OF EVALUATION	<ul style="list-style-type: none"> • Evaluation of curriculum vitae, research project, publications and other qualification documents • Interview as detailed in the section below “Evaluation Marks” 																		
OTHER LANGUAGE FOR THE EXAMINATIONS	English																		
SKYPE INTERVIEW	YES – possible for foreign residents only																		
FURTHER INFORMATION ON THE EXAMINATION	Interview will be held in English or Italian. If it will be held in Italian, a supplementary test regarding English language will be held.																		
EVALUATION MARKS	<table border="1"> <thead> <tr> <th>parameter</th> <th>minimum score</th> <th>maximum score</th> </tr> </thead> <tbody> <tr> <td>Curriculum vitae, publications, scientific qualification documents</td> <td>10/120</td> <td>20/120</td> </tr> <tr> <td>Research Project</td> <td>30/120</td> <td>40/120</td> </tr> <tr> <td colspan="3">Applicants who obtain a mark of at least 40/120 in the evaluation of the above parameters will be admitted to the interview</td> </tr> <tr> <td>Interview: discussion of the research project and qualification documents</td> <td>40/120</td> <td>60/120</td> </tr> <tr> <td colspan="3">Eligibility is achieved with a minimum score of 80/120</td> </tr> </tbody> </table>	parameter	minimum score	maximum score	Curriculum vitae, publications, scientific qualification documents	10/120	20/120	Research Project	30/120	40/120	Applicants who obtain a mark of at least 40/120 in the evaluation of the above parameters will be admitted to the interview			Interview: discussion of the research project and qualification documents	40/120	60/120	Eligibility is achieved with a minimum score of 80/120		
parameter	minimum score	maximum score																	
Curriculum vitae, publications, scientific qualification documents	10/120	20/120																	
Research Project	30/120	40/120																	
Applicants who obtain a mark of at least 40/120 in the evaluation of the above parameters will be admitted to the interview																			
Interview: discussion of the research project and qualification documents	40/120	60/120																	
Eligibility is achieved with a minimum score of 80/120																			
FURTHER INFORMATION ON THE EXAMINATION	Evaluation of curriculum vitae, research project, publications, scientific qualification documents will take into account the candidate's preparation and skills in relation to the research topics of the curricula of the PhD program and of the scholarship with specific research topic.																		
THEMATICS	Oral discussion of the research project and of the eventual other academic and scientific titles and publications will aim at evaluating the candidate's interest and motivation towards scientific research in the fields of interest of the PhD curricula and of the specific research topic scholarship.																		
Further information available at the following web page: www.phd.gesaaf.unifi.it/changelang-ita.html																			

EXAMINATION SCHEDULE			
	DATE	SCHEDULE	PLACE
INTERVIEW	24 September 2018	9:30 a.m.	Department of Agricultural, Food and Forestry Systems Piazzale delle Cascine, 18 - Florence
The list of the candidates admitted to the oral test and the final ranking will be published online at the following website page: https://www.unifi.it/p11361.html			



UNIVERSITÀ
DEGLI STUDI
FIRENZE

DOCTORAL PROGRAMME IN INFORMATION ENGINEERING

Coordinator prof. Luigi Chisci

TECHNOLOGICAL AREA	
ADMINISTRATIVE OFFICE	Department of Information Engineering
CURRICULA	<ol style="list-style-type: none">1. Control, Optimization and Complex Systems2. Electronics, Electromagnetics and Electrical Systems3. Computer Engineering4. Telecommunications and Telematics
POSITIONS AVAILABLE: 8 Positions with Scholarship: 6 Positions without Scholarship: 2	
Ranking List for STANDARD POSITIONS Scholarships available: 6	University of Florence
RESERVED POSITIONS	NO
STUDY/RESEARCH PERIODS ABROAD	NO
DOCUMENTS TO BE ENCLOSED WITH THE APPLICATION	MANDATORY DOCUMENTS <ul style="list-style-type: none">• Copy of the Identification Document• Replacement Declaration Form• Curriculum vitae including a list of publications and of the other qualification documents (if any)• Title and grades of Bachelor and Master Theses• Abstract of the Master Thesis• List of exams of Bachelor and Master Degrees with grades (documents should be either in Italian or in English)• Research proposal OPTIONAL DOCUMENTS <ul style="list-style-type: none">• Copy of the Master Thesis
RESEARCH PROJECT	The proposal must be in .pdf format, written either in Italian or in English. The proposal should describe a three-years project having a high potential for novel scientific contributions in the broad field of Information Engineering, but also in other fields provided that methodologies and/or technologies of Information Engineering are exploited. The proposal must include the specific reference to the curriculum and the chosen area of study listed in the below section “Thematics”
MODALITY OF EVALUATION	<ul style="list-style-type: none">• Evaluation of curriculum vitae, research project, publications and other qualification documents• Interview as detailed in the section below “Evaluation Marks”
OTHER LANGUAGE FOR THE EXAMINATION	English

SKYPE INTERVIEW	YES – possible for foreign residents only																		
FURTHER INFORMATION ABOUT EXAMINATION	The interview will primarily concern a discussion on the research proposal presented by the candidate.																		
EVALUATION MARKS	<table border="1" data-bbox="533 360 1409 748"> <thead> <tr> <th data-bbox="533 360 979 450">Parameter</th> <th data-bbox="979 360 1193 450">minimum score</th> <th data-bbox="1193 360 1409 450">maximum score</th> </tr> </thead> <tbody> <tr> <td data-bbox="533 450 979 524">Curriculum vitae, publications, qualification documents</td> <td data-bbox="979 450 1193 524">27/120</td> <td data-bbox="1193 450 1409 524">40/120</td> </tr> <tr> <td data-bbox="533 524 979 562">Research proposal</td> <td data-bbox="979 524 1193 562">27/120</td> <td data-bbox="1193 524 1409 562">40/120</td> </tr> <tr> <td colspan="3" data-bbox="533 562 1409 636">Applicants who obtain at least 27/120 marks in the evaluation of the two above parameters will be admitted to the interview</td> </tr> <tr> <td data-bbox="533 636 979 710">Interview: (including a discussion of the research proposal)</td> <td data-bbox="979 636 1193 710">26/120</td> <td data-bbox="1193 636 1409 710">40/120</td> </tr> <tr> <td colspan="3" data-bbox="533 710 1409 748">Eligibility is achieved with a minimum score of 80/120</td> </tr> </tbody> </table>	Parameter	minimum score	maximum score	Curriculum vitae, publications, qualification documents	27/120	40/120	Research proposal	27/120	40/120	Applicants who obtain at least 27/120 marks in the evaluation of the two above parameters will be admitted to the interview			Interview: (including a discussion of the research proposal)	26/120	40/120	Eligibility is achieved with a minimum score of 80/120		
Parameter	minimum score	maximum score																	
Curriculum vitae, publications, qualification documents	27/120	40/120																	
Research proposal	27/120	40/120																	
Applicants who obtain at least 27/120 marks in the evaluation of the two above parameters will be admitted to the interview																			
Interview: (including a discussion of the research proposal)	26/120	40/120																	
Eligibility is achieved with a minimum score of 80/120																			
THEMATICS	<p>Control, Optimization and Complex Systems</p> <p>AREA 1 – CONTROL SYSTEMS: concerns analysis, modelling and synthesis of high-performance (possibly networked and hence subject to cyber attacks) automatic control, supervision and monitoring systems for processes that are only partially known, possibly distributed in space and subject to constraints, such as those encountered in industrial applications, robotics, bio-engineering, aerospace, electrical systems, etc.</p> <p>AREA 2 – OPTIMIZATION: concerns the study of Operations Research models and their applications, as well as the development and the analysis of efficient optimization algorithms for the solution of complex problems. The optimization applications are found both in the field of automation systems as well as in the productive world, from logistics to transportation, to the supply-chain, in the networks of electrical energy management (“smart grids”) even in stochastic contexts and with multiple decision-makers (game theory).</p> <p>AREA 3 – COMPLEX SYSTEMS: this research area is suitable for applicants with a strong background in Physics, Chemistry, Mathematics or Engineering who are willing to carry out research work of cross-disciplinary type. Training aims to deepen the more formal aspects of the analysis of complex systems. The research topic can concern methodological aspects, from dynamical systems to stochastic processes, including complex networks and their applications, from computer engineering to life science.</p> <p>Electronics, Electromagnetics and Electrical Systems</p> <p>AREA 1 – HIGH-FREQUENCY ELECTRONICS: concerns the analysis and design of electronic devices and systems at high frequency (from radio frequency to millimeter waves).</p> <p>AREA 2 – DIGITAL ELECTRONIC SYSTEMS: concerns the analysis and design of electronic systems based on advanced digital components, with applications from biomedical to radar fields.</p> <p>AREA 3 – ELECTROMAGNETICS: concerns the use and development of numerical techniques for the analysis and design of radiant systems and passive devices at high frequency, from some GHz up to optical frequencies.</p> <p>AREA 4 – ELECTRICAL SYSTEMS: concerns the critical and comparative analysis of control techniques for electrical drives with the development of innovative algorithms, the automation of power systems, with particular reference to the “power quality” in distribution networks, to the “smart-</p>																		

	<p>metering” and fault diagnosis in electrical systems.</p> <p>Computer Engineering</p> <p>AREA 1 – METHODS AND TECHNOLOGIES OF SOFTWARE: concerns methods of design, examination and evaluation of complex software systems, with further details on formal methods and advanced software architectures.</p> <p>AREA 2 – PATTERN RECOGNITION AND COMPUTER VISION: concerns multimedia processing, classification and media search from databases and Internet, solutions for human-machine interaction, smart environments.</p> <p>AREA 3 – ARTIFICIAL INTELLIGENCE AND BIOINFORMATICS: is mainly focused on machine learning and its applications to bioinformatics.</p> <p>AREA 4 – DISTRIBUTED SYSTEMS AND DATA ENGINEERING: it concerns the study of distributed, parallel and complex processing systems wherein distributed architecture, performance and data complexity issues are integral part of the problem, such as for instance in applications for big data, smart cities, smart clouds, internet-of-things, smart manufacturing, etc..</p> <p>Telecommunications and Telematics</p> <p>AREA 1 – ALGORITHMS AND TECHNOLOGIES FOR SIGNAL PROCESSING: concerns processing methods and techniques of mono/multidimensional signals for the extraction of information and the efficiency of their representation in transmission and storage.</p> <p>AREA 2 – TRANSMISSION SYSTEMS: concerns methods and techniques for efficient generation, transmission and disclosure of information through future terrestrial and satellite transmission channels.</p> <p>AREA 3 – TELECOMMUNICATION NETWORKS: concerns methods and techniques for efficient transfer of information from source to destination through complex and advanced communication networks and related communication network applications.</p> <p>AREA 4 – TELEMATICS AND INFORMATION SOCIETY: this cross-disciplinary area involves the applications of ICT technologies considered as key-enabling in different scientific and application domains. It requires a multi-disciplinary background in order to cope with the large variety of services and applications of telematics. The domains of interest include: telecommunications, communication, political and socio-economic sciences including all areas of the “Societal Challenges” of the European programme H2020.</p>
<p>Further information is available at the following web page: http://informationengineering.dinfo.unifi.it/</p>	

EXAMINATION SCHEDULE			
	DATE	TIME	PLACE
INTERVIEW	7 September 2018	8:30 a.m.	Department of Information Engineering Via di S. Marta, 3 – Florence Meeting room
<p>The list of the candidates admitted to the interview and the final ranking will be published online at the following web page: https://www.unifi.it/p11361.html</p>			



DOCTORAL PROGRAMME IN INDUSTRIAL ENGINEERING

Coordinator prof. Giampaolo Manfrida

TECHNOLOGICAL AREA	
ADMINISTRATIVE OFFICE	Department of Industrial Engineering Florence (DIEF)
CURRICULA	<ol style="list-style-type: none">1. Energy and Innovative Industrial&Environmental Technologies2. Design and development of Industrial Products and Processes3. Industrial Engineering and Reliability4. Science and Engineering of Materials
POSITIONS AVAILABLE: 18 Positions with scholarship: 14 Positions without Scholarship: 4	
Scholarships: 14	<p>5 – University of Florence 7 – Department of Industrial Engineering Florence (DIEF) 1 – co-financed University of Florence and Department of Industrial Engineering Florence (DIEF) 1 – co-financed Consorzio Interuniversitario Nazionale per la Scienza e Tecnologia dei Materiali (INSTM) and Department of Industrial Engineering Florence (DIEF) – Subject: “Nano-structured magnetic materials: development and applications”</p>
RESERVED POSITIONS	NO
STUDY/RESEARCH PERIODS ABROAD	YES – only positions with scholarship
MANDATORY PERIOD REQUIRED	3 months
DOCUMENTS TO BE ENCLOSED WITH THE APPLICATION	<p>MANDATORY DOCUMENTS</p> <ul style="list-style-type: none">• Copy of the Identification Document (Passport, valid international ID card)• Title of the M.Sc. degree Thesis subscribed with the Replacement Declaration Form• Curriculum Vitae• Research project <p>OPTIONAL DOCUMENTS</p> <ul style="list-style-type: none">• Any additional qualification documents, scientific publications, Abstract of the M.Sc. degree Thesis
REFERENCE LETTERS	A section is provided in the online application to specify the e-mail addresses of two professors/researchers willing to provide information about candidates training path and activities performed within a scientific field related to the Ph.D. course.

RESEARCH PROJECT	The research project must be written in Italian or English in NO MORE than 12,000 characters including spacing, abstract, introduction and references The project must be related, and should make specific reference, to one of the proposed work subjects listed in the below section “Thematics” .																		
MODALTY OF EVALUATION	<ul style="list-style-type: none"> • Evaluation of curriculum vitae, research project, publications and /or other qualification documents • Interview as detailed in the section below “Evaluation Marks” 																		
OTHER LANGUAGES FOR THE INTERVIEW	English																		
SKYPE INTERVIEW	YES – Possible for foreign residents only																		
EVALUATION MARKS	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%; text-align: center;">parameter</th> <th style="width: 20%; text-align: center;">minimum score</th> <th style="width: 20%; text-align: center;">maximum score</th> </tr> </thead> <tbody> <tr> <td>Curriculum vitae; publications, other qualification documents</td> <td style="text-align: center;">12/120</td> <td style="text-align: center;">18/120</td> </tr> <tr> <td>Evaluation of the research project</td> <td style="text-align: center;">28/120</td> <td style="text-align: center;">42/120</td> </tr> <tr> <td colspan="3">Applicants who obtain at least 40/120 marks in the evaluation of the above parameters will be admitted to the interview.</td> </tr> <tr> <td>Interview: discussion of the project and publications (if any)</td> <td style="text-align: center;">40/120</td> <td style="text-align: center;">60/120</td> </tr> <tr> <td colspan="3" style="text-align: center;">Eligibility is achieved with a minimum score of 80/120</td> </tr> </tbody> </table>	parameter	minimum score	maximum score	Curriculum vitae; publications, other qualification documents	12/120	18/120	Evaluation of the research project	28/120	42/120	Applicants who obtain at least 40/120 marks in the evaluation of the above parameters will be admitted to the interview.			Interview: discussion of the project and publications (if any)	40/120	60/120	Eligibility is achieved with a minimum score of 80/120		
parameter	minimum score	maximum score																	
Curriculum vitae; publications, other qualification documents	12/120	18/120																	
Evaluation of the research project	28/120	42/120																	
Applicants who obtain at least 40/120 marks in the evaluation of the above parameters will be admitted to the interview.																			
Interview: discussion of the project and publications (if any)	40/120	60/120																	
Eligibility is achieved with a minimum score of 80/120																			
FURTHER INFORMATION ON THE EVALUATION PROCESS	If the minimum score is not reached for either CV or research project (see box above), the candidate will not be admitted to interview.																		
THEMATICS	<ul style="list-style-type: none"> - Development and integration of multidisciplinary numerical methodologies for the aero-thermal and mechanical design of aero-engine combustors - Numerical modeling of the combustion process in industrial and aeronautical gas turbines to develop combustor innovative concepts to limit polluting emissions, with particular reference to the problems affecting lean flame based systems such as thermo-acoustic instability and the Lean Blow Out - Fluid dynamics analysis and advanced design of cryogenic turbine and pump components for rocket engine applications - Fluid dynamics analysis and performance prediction in cryogenic turbopumps for space applications with particular emphasis on cavitating flows - Fluid Dynamics Analysis of natural gas distribution networks - Innovative solutions for Energy storage for conversion and direct use, including smart integration in energy distribution grids - RAMS models and experimental analysis for complex systems - Development of decision-making algorithms for self-driving vehicles - Development of systems and methods based on Reverse Engineering and Additive - Manufacturing for personalized medicine - Creation of a perfusion system to maintain the life of organs - Modeling and optimization of machining processes 																		

	<ul style="list-style-type: none"> - Development of passive safety solutions for motorcyclists GNC (Guidance, Navigation and Control) systems for mobile robotics - Study of the interaction among motorcycles and autonomous vehicles - Nano-structured magnetic materials: development and applications - Development and integration of advanced numerical models for the study of heat transfer and cooling in high-temperature turbomachinery components - Development of diagnostic systems for the study of fuel spray processes in high efficiency, low polluting combustors - Experimental survey on high temperature components of thermal engines: innovative measuring systems and applications linked to the introduction of new additive manufacturing techniques - Reliability analysis, availability and maintainability optimization for railway applications - Methods and tools to support the implementation of lean projects in healthcare Servitization of manufacturing companies: the role of digital twins of products and processes - The role of digital twins of logistic plants. Use of simulation models for "plug and produce" - Development of test-rigs for turbomachinery applications - Development of thermo-elastic models for turbomachinery components - Integration of solutions for electricity networks with intermittent, variable and non-programmable renewable sources, in order to improve production/load balance and store energy ; specific reference to hybrid systems with biomass - Innovative working fluids having good environmental compatibility; property modeling and effects on performance (direct and inverse cycles) considering also lubricating oil effects. - Development of energy systems and components exploiting concentrated solar energy - Analysis, design and verification of Electromagnetic Compatibility (EMC) test methods for automotive industry subject to metrological control and quality assurance of test results - Overview, analysis and design of Signal-Power Integrity (SIPI) and Electromagnetic - Compatibility (EMC) methodologies for Advanced Driver Assistance Systems (ADAS) technologies in the automotive industry
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Further information available at the following web page:

<https://www.dief.unifi.it/vp-344-dottorato.html>

EXAMINATIONS SCHEDULE

	DATE	TIME	PLACE
INTERVIEW	24 September 2018	9:00 a.m.	Department of Information Engineering Via Santa Marta,3 - Florence Meeting Room

The list of candidates admitted to the interview and the final ranking will be published at the following webpage: <https://www.unifi.it/p11361.html>

INTERNATIONAL DOCTORATE IN CIVIL AND ENVIRONMENTAL ENGINEERING

Coordinator prof. Fabio Castelli



GIOVANI SI



UNIVERSITÀ
DEGLI STUDI
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Regione Toscana



Pegaso Scholarships 2018 are financed with the resources of the POR FSE TOSCANA 2014/2020 in the frame of the Tuscany Region Project "Giovanisi" (www.giovanisi.it) for the autonomy of young people

TECHNOLOGICAL AREA	
ADMINISTRATIVE OFFICE	Department of Civil and Environmental Engineering
Regione Toscana Pegaso Project 2018	University of Florence University of Pisa
PARTNER INSTITUTIONS	University of Perugia Bauingenieurwesen und Umweltwissenschaften – Technische Universität Braunschweig, Germany – Fakultät 3 Architektur
CURRICULA	<ol style="list-style-type: none"> 1. Solid Fluid and Materials Mechanics 2. Construction Design, Verification and Control 3. Environment, Resources and Security
<p>POSITIONS AVAILABLE: 16 Positions with scholarship: 12 Positions without Scholarship: 4* * standard ranking only</p>	
Ranking List for STANDARD POSITIONS - scholarships available: 10	5 – University of Florence 3 – University of Perugia 2 – Regione Toscana Pegaso Scholarships 2018
Ranking List for POSITIONS WITH SPECIFIC RESEARCH TOPICS scholarships available: 2	<p>Regione Toscana Pegaso Scholarships 2018</p> <ol style="list-style-type: none"> 1. "Analysis of the resilience of infrastructural networks of linear transport systems: integration of satellite and aerial data and subsoil analyses for the prevention of endogenous and exogenous risks" 2. "Analysis and optimization of the processes for the exploitation of sewage sludge in a circular economy"
RESERVED POSITIONS	NO
STUDY/RESEARCH PERIODS ABROAD	YES
MANDATORY PERIOD REQUIRED	<p>9 months (minimum) either at TU- Braunschweig or other foreign university with a co-tutelle agreement to be signed within the first year of the course</p> <p>12 months (maximum) for Pegaso Scholarships 2018 holders are due to perform a mandatory study/research period abroad</p>
DOCUMENTS TO BE ENCLOSED WITH THE APPLICATION	<p>MANDATORY DOCUMENTS</p> <ul style="list-style-type: none"> • Copy of the Identification Document • Replacement Declaration Form • Curriculum vitae • Research project <p>OPTIONAL DOCUMENTS</p> <ul style="list-style-type: none"> • List of publications and any other qualification documents

REFERENCE LETTERS	A section is provided in the online application to specify the e-mail addresses of two professors/researchers willing to provide information about candidates training path and activities performed within a scientific field related to the Ph.D. course.																		
RESEARCH PROJECT	The research project will be related to the topics within this Ph.D. course and will regard one of the three curricula. The project should be written in English and should not exceed 3 pages including the references. For the candidates applying for scholarships Pegaso 2018, the submitted research project should be related to that specific topics. In that case, the research project will be valid for application to standard scholarship as well.																		
MODALITY OF EVALUATION	<ul style="list-style-type: none"> • Evaluation of curriculum vitae, research project, publications and other qualification documents • Interview as detailed in the section below “Evaluation Marks” 																		
OTHER LANGUAGE FOR THE EXAMINATION	English																		
SKYPE INTERVIEW	YES – possible for foreign residents only																		
FURTHER INFORMATION ABOUT EXAMINATIONS	The candidate’s engineering background, necessary for the proposed research project, will be also verified during the interview. The oral test will be as well intended to verify candidates knowledge of the English language (level B2 or higher).																		
EVALUATION MARKS	<table border="1"> <thead> <tr> <th>Parameter</th> <th>Minimum score</th> <th>Maximum score</th> </tr> </thead> <tbody> <tr> <td>Curriculum vitae, publications , qualification documents</td> <td>10/120</td> <td>20/120</td> </tr> <tr> <td>Research Project</td> <td>20/120</td> <td>30/120</td> </tr> <tr> <td colspan="3">Applicants who obtain at least 30/120 marks in the evaluation of the two above parameters will be admitted to the interview</td> </tr> <tr> <td>Interview</td> <td>50/120</td> <td>70/120</td> </tr> <tr> <td colspan="3">Eligibility is achieved with a minimum score of 80/120</td> </tr> </tbody> </table>	Parameter	Minimum score	Maximum score	Curriculum vitae, publications , qualification documents	10/120	20/120	Research Project	20/120	30/120	Applicants who obtain at least 30/120 marks in the evaluation of the two above parameters will be admitted to the interview			Interview	50/120	70/120	Eligibility is achieved with a minimum score of 80/120		
Parameter	Minimum score	Maximum score																	
Curriculum vitae, publications , qualification documents	10/120	20/120																	
Research Project	20/120	30/120																	
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Eligibility is achieved with a minimum score of 80/120																			
Further information available at the following web page: http://www.ddicea.unifi.it/mdswitch.html																			

EXAMINATION SCHEDULE			
	DATE	TIME	PLACE
INTERVIEW	3 September 2018	9:00 a.m.	School of Engineering via Santa Marta, 3 – Florence
The list of candidates admitted to the interview and the final ranking will be published online at: https://www.unifi.it/p11361.html			



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DOCTORAL PROGRAMME IN AGRICULTURAL AND ENVIRONMENTAL SCIENCES

Coordinator prof. Giacomo Pietramellara

TECHNOLOGICAL AREA	
ADMINISTRATIVE OFFICE	Department of Agrifood Production and Environmental Sciences
CURRICULA	NO
POSITIONS AVAILABLE: 9 Positions with Scholarship: 7 Position without Scholarship: 2* <i>* standard ranking only</i>	
Ranking List for STANDARD POSITIONS scholarships available: 6	University of Florence
Ranking List for POSITIONS WITH SPECIFIC RESEARCH TOPICS scholarship available: 1	Department of Agrifood Production and Environmental Sciences "Agronomic techniques for precision crop management."
RESERVED POSITIONS	NO
STUDY/RESEARCH PERIODS ABROAD	YES - only positions with scholarship
MANDATORY PERIOD REQUIRED	3 months
DOCUMENTS TO BE ENCLOSED WITH THE APPLICATION	MANDATORY DOCUMENTS <ul style="list-style-type: none">• Copy of the Identification Document• Replacement Declaration Form• Curriculum vitae (european format)• Research Project OPTIONAL DOCUMENTS <ul style="list-style-type: none">• List of publications• Any other scientific qualification documents
REFERENCE LETTERS	A section is provided in the online application to specify the e-mail addresses of two professors/researchers willing to provide information about candidates training path and activities performed within a scientific field related to the Ph.D. course.
RESEARCH PROJECT	Research project has to be prepared in Italian or English in no more than 12000 characters including spacing, and structured in introduction, state of the art, objectives, materials and methods with temporal distribution of the phases, expected results. For XXXIV cycle, several priorities of interest have been selected . The project must relate, and should make specific reference, to one of them listed in the section below: " Thematics ".

	The research project (both for standard and specific positions) should be attached to the application form and it should be made as the project pattern uploaded into the following departmental webpage (section “dottorato di ricerca”): https://www.dispaa.unifi.it/vp-26-dottorati-di-ricerca.html . The research project should be focused on a possible research activity, which the applicant will be going to execute during the three-year doctoral program; regarding the position with a specific research topic, the project must be focused to the topic of the position.																		
MODALITY OF EVALUATION	<ul style="list-style-type: none"> • Evaluation of curriculum vitae, research project, publications and other qualification documents • Interview as detailed in the section below “Evaluation Marks” 																		
OTHER LANGUAGE FOR THE EXAMINATIONS	English																		
SKYPE INTERVIEW	YES – possible for foreign resident only																		
FURTHER INFORMATION ON THE EXAMINATIONS	The interview can be equally taken in Italian or in English language; if it is taken in Italian, English skills will be tested during the interview. For the position with a specific research topic, during the interview, the knowledge of the candidate regarding the topic of the position will also be evaluated.																		
EVALUATION MARKS	<table border="1"> <thead> <tr> <th>parameter</th> <th>minimum score</th> <th>maximum score</th> </tr> </thead> <tbody> <tr> <td>curriculum vitae, scientific qualification documents</td> <td>10/120</td> <td>15/120</td> </tr> <tr> <td>Research project</td> <td>30/120</td> <td>40/120</td> </tr> <tr> <td colspan="3">Applicants who obtain a mark of at least 40/120 in the evaluation of the above parameters will be admitted to the interview</td> </tr> <tr> <td>Interview: discussion of the research project and qualification documents</td> <td>40/120</td> <td>65/120</td> </tr> <tr> <td colspan="3">Eligibility is achieved with a minimum score of 80/120</td> </tr> </tbody> </table>	parameter	minimum score	maximum score	curriculum vitae, scientific qualification documents	10/120	15/120	Research project	30/120	40/120	Applicants who obtain a mark of at least 40/120 in the evaluation of the above parameters will be admitted to the interview			Interview: discussion of the research project and qualification documents	40/120	65/120	Eligibility is achieved with a minimum score of 80/120		
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Research project	30/120	40/120																	
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Interview: discussion of the research project and qualification documents	40/120	65/120																	
Eligibility is achieved with a minimum score of 80/120																			
THEMATICS	<ul style="list-style-type: none"> - Interactions in Tetraselmis suecica/bacteria holobiont - New insights on the diversity of resource-use strategies among coexisting Mediterranean shrubs species and possible utilizations of these plants as biofactories - Implementation of a simplified and low-cost phenotyping platform for crop monitoring - Factors involved in the development of grapevine leaf stripe disease symptoms in view of sustainable control protocols - Genome wide search for signatures of selection in beef cattle breeds - Bioecological and morphological studies of Hippoboscidae flies of genus Lipoptena, ectoparasites of wild ungulates, with special reference to L. fortisetosa, a new record for Italy 																		
Further information available at the following web page:																			

<https://www.dispaa.unifi.it/vp-26-dottorati-di-ricerca.html>

EXAMINATION SCHEDULE

	DATE	TIME	PLACE
INTERVIEW	13 and 14 September 2018	from 9.30 a.m. until 5.30 p.m.	Scuola di Agraria Piazzale delle Cascine, 28 – Florence Aula F

The list of the candidates admitted to the oral test and the final ranking will be published online at the following website page: <https://www.unifi.it/p11361.html>

INDUSTRIAL DOCTORAL PROGRAMME

IN

SMART COMPUTING

Coordinator prof. Paolo Frasconi



GIOVANI SI



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Regione Toscana



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TECHNOLOGICAL AREA

ADMINISTRATIVE OFFICE

Department of Information Engineering

Regione Toscana Pegaso Project 2018

University of Florence
University of Pisa
University of Siena

INDUSTRIAL AGREEMENTS

KKT s.r.l. – Florence
Subsidiary of Fleetmatics Italia s.r.l – (a Verizon Company)

CURRICULA

NO

POSITIONS AVAILABLE: 15 + 1 reserved for employees of KKT s.r.l.

Positions with scholarship: 12

Positions without Scholarship: 3*

* standard ranking only

Ranking List for STANDARD POSITIONS scholarships available: 7

4 – University Florence
3 – Regione Toscana **Pegaso Scholarships 2018**

Ranking List for SPECIFIC RESEARCH TOPICS SCHOLARSHIPS positions available: 5

3 – Regione Toscana **Pegaso Scholarships 2018**

1. "Natural Language Processing by Deep Learning"
2. "Network Monitoring and Management in the Future Internet"
3. "Machine Learning Methods for Quantitative Evaluation"

1 – University of Florence – **Fondo Pluriennale Piano Strategico 2018**
"Analysis and interpretation of 4D microscopy data"

1 – Fondazione Bruno Kessler (FBK)
"Building Quality Event-centric Knowledge Graphs from Text"

INDUSTRIAL DOCTORAL PROGRAMME – RESERVED POSITION: 1

1 – position reserved for employees of KKT s.r.l.

STUDY/RESEARCH PERIODS ABROAD

YES – for Pegaso Scholarships 2018 only

MANDATORY PERIOD REQUIRED

6 months

<p>DOCUMENTS TO BE ENCLOSED WITH THE APPLICATION</p>	<p>MANDATORY DOCUMENTS</p> <ul style="list-style-type: none"> • Copy of the Identification Document • Replacement Declaration Form • Curriculum vitae • Transcript of records of M.Sc. degree • Title of the M.Sc. thesis • Abstract of the M.Sc. thesis • Research project <p>OPTIONAL DOCUMENTS</p> <ul style="list-style-type: none"> • List of publications • PDF copy or a chapter of the M.Sc. thesis (if available)
<p>REFERENCE LETTERS</p>	<p>A section is provided in the online application to specify the e-mail addresses of two professors/researchers willing to provide information about candidates training path and activities performed within a scientific field related to the Ph.D. course.</p>
<p>RESEARCH PROJECT</p>	<p>The research proposal should be written in English and should be submitted as a PDF file. The length may not exceed 12,000 characters. The research proposal should describe a three years project having a high potential for a novel scientific contribution in any area related to smart computing. In the proposal, briefly summarize the state-of-the-art, identify one or more open problems, explain why solving these open problems is significant, and describe a research plan, possibly addressing the associated risk factors and strategies for dealing with insuccess.</p> <p>The research proposal needs not to be directly related to one of the reserved research topics (see below) for which you may want to apply. In facts, this proposal will not be even used to bound you to do research in any particular area, it just serves the purpose of assessing your technical writing skills, your ability to envision sensible long-term research goals, and your ability to plan and evaluate research activities.</p>
<p>MODALITY OF EVALUATION</p>	<ul style="list-style-type: none"> • Evaluation of curriculum vitae, research project, publications and other qualification documents • Interview as detailed in the section below “Evaluation Marks”
<p>LANGUAGE FOR THE EXAMINATION</p>	<p>English for all applicants</p>
<p>SKYPE INTERVIEW</p>	<p>YES – possible for residents abroad only</p>
<p>FURTHER INFORMATION ABOUT EXAMINATIONS</p>	<p>Note on applications for the “specific research topic scholarships”:</p> <p>A subset of the available positions will be reserved to the specific research topics listed below. To be considered for one of these positions, please select one or more of them during the application process. Since we strive to fill as many of these positions as possible, by applying for one or more reserved positions you may significantly increase your chances of being accepted in the program. You may apply for as many reserved positions as you wish. During the interview, there will be one additional test for each reserved positions you</p>

have applied for. Passing the test is a necessary (but not sufficient) condition for accessing the corresponding reserved position. Failing one or more of these tests will not reduce your chances of being accepted for the remaining (non-reserved) positions.

There are additional thematic positions (not reserved) that do not require a specific test.

Topics are listed at <http://smartcomputing.unifi.it/procedures.html#positions>

EVALUATION MARKS	parameter	minimum score	maximum score
	Curriculum vitae, publications, qualification documents	27/120	40/120
	Research proposal	27/120	40/120
	Applicants scoring at least 54/120 on the above parameters will be shortlisted for interview		
	Interview (including a discussion of the research proposal) in English language	26/120	40/120
	Candidates with an overall score below 80/120 cannot be admitted to the program		

- THEMATICS**
- Artificial Intelligence
 - Computer Networking
 - Computer Vision
 - Computer Architectures
 - Conversational Agents
 - Data Analysis and Social Network Data Analysis
 - Fog/Edge computing in IoT
 - Embedded and Cyber-physical Systems
 - Machine Learning
 - Neuroinformatics
 - Pervasive Sensing & Computing
 - Quantitative evaluation and verification of concurrent systems
 - Security and Privacy in Smart Systems
 - Software architectures and engineering methods

Further information available at the following web page:
<http://smartcomputing.unifi.it/>

EXAMINATION SCHEDULE			
	DATE	TIME	PLACE
INTERVIEW	3 August 2018	9:30 a.m.	Department of Information Engineering Via Santa Marta,3 – Florence Meeting Room

The list of candidates admitted to the interview and the final ranking will be published online at:
<https://www.unifi.it/p11361.html>



UNIVERSITÀ
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DOCTORAL PROGRAMME IN PHILOLOGY, ITALIAN LITERATURE AND LINGUISTICS

Cordinator prof. Donatella Coppini

HUMANISTIC AREA	
ADMINISTRATIVE OFFICE	Department of Literature and Phylosophy
PARTNER INSTITUTIONS	<p>Curriculum Italian Studies (International) - Rheinische Friedrich-Wilhelms Universität, Bonn -Germany - Université Paris IV Sorbonne - France</p> <p>Curriculum: Linguistics (International) - Rheinische Friedrich-Wilhelms Universität, Bonn - Germany</p>
CURRICULA	<ul style="list-style-type: none"> • Italian Studies (International) • Linguistics (International) • History, Tradition and Textual Criticism of Medieval and Renaissance Texts • Digital Humanities
<p>POSITIONS AVAILABLE: 8 Positions with scholarship: 6 Positions without Scholarship: 2* <i>*standard ranking only</i></p>	
<p>Annual amount of the scholarship € 17.785,73 (gross amount) The increased amount of the scholarship is financed by Progetto Ministeriale "Dipartimenti di Eccellenza 2018-2022"</p>	
Ranking List for STANDARD POSITIONS - scholarships available: 4	University of Florence
Ranking List for SPECIFIC RESEARCH TOPICS SCHOLARSHIPS - positions available: 2	<p>1 – Department of Literature and Phylosophy – Progetto Ministeriale "Dipartimenti di Eccellenza 2018-2022" Thematic: "Digital Humanities for language and literature studies"</p> <p>1 – University of Florence – Fondo Pluriennale Piano Strategico 2018 Thematic: "The Italian architectural lexicon between the Fourteenth and the Seventeenth Century"</p>
RESERVED POSITIONS	NO
STUDY/RESEARCH PERIODS ABROAD	<p>YES</p> <ul style="list-style-type: none"> - for PhD students of the international curricula - for the Scholarship funded by the Department of Literature and Phylosophy - Progetto Ministeriale "Dipartimenti di Eccellenza 2018-2022"
MANDATORY PERIOD REQUIRED	<ul style="list-style-type: none"> - 3 months: for PhD students of the international curricula - 9 months: for the Scholarship funded by the Department of Literature and Phylosophy - Progetto Ministeriale "Dipartimenti di Eccellenza 2018-2022"

<p>DOCUMENTS TO BE ENCLOSED WITH THE APPLICATION</p>	<p>MANDATORY DOCUMENTS</p> <ul style="list-style-type: none"> • Copy of the Identification Document • Replacement Declaration Form • Transcript of records • Master degree Thesis' title • Copy of Master degree thesis • Abstract of Master degree thesis • Curriculum • Research Project <p>OPTIONAL DOCUMENTS</p> <ul style="list-style-type: none"> • List of publications • Other qualifications 												
<p>RESEARCH PROJECT</p>	<p>The research project which the candidates intend to carry out during their three years of PhD must meet the following requirements: 1) it must indicate a topic consistent with one of the curricula of the PhD (maximum 20.000 characters) and explicitly referring to it; 2) it must include: the state of the art; a description of the project; expected results; adequate bibliographical references.</p> <p>The research projects that successful applicants shall engage in during their doctoral career may possibly differ from the project proposed at the application stage: this shall be defined together with the supervisor and approved by the Academic Board.</p>												
<p>MODALITY OF EVALUATION</p>	<ul style="list-style-type: none"> • Written examination • Interview with the evaluation of the curriculum, of the research project and of the scientific qualifications as detailed in the section “evaluation marks” 												
<p>OTHER LANGUAGE FOR THE EXAMINATIONS</p>	<p>The written examination and the interview have to be taken only in Italian language.</p>												
<p>SKYPE INTERVIEW</p>	<p>YES – possible for foreign resident only</p>												
<p>INFORMATION ABOUT EXAMINATIONS</p>	<p>The written examination will consist in the analysis of a literary text or in writing an essay (related to one of the four curricula) on one of the subjects proposed by the examination Board (See the Section “thematics”)</p> <p>The interview consists in a discussion on the research project and on the scientific qualifications presented by the applicants, and in the assessment of their knowledge of a foreign language (Knowledge of Latin is compulsory for the curriculum in History, Tradition and Textual Criticism of Medieval and Renaissance Texts).</p>												
<p>EVALUATION MARKS</p>	<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;">parameter</th> <th style="text-align: center;">minimum score</th> <th style="text-align: center;">maximum score</th> </tr> </thead> <tbody> <tr> <td>Written examination</td> <td style="text-align: center;">40/60</td> <td style="text-align: center;">60/60</td> </tr> <tr> <td>Interview: curriculum vitae, publications, other qualifications, research project</td> <td style="text-align: center;">40/60</td> <td style="text-align: center;">60/60</td> </tr> <tr> <td colspan="3" style="text-align: center;">Eligibility is achieved with a minimum score of 80/120</td> </tr> </tbody> </table>	parameter	minimum score	maximum score	Written examination	40/60	60/60	Interview: curriculum vitae, publications, other qualifications, research project	40/60	60/60	Eligibility is achieved with a minimum score of 80/120		
parameter	minimum score	maximum score											
Written examination	40/60	60/60											
Interview: curriculum vitae, publications, other qualifications, research project	40/60	60/60											
Eligibility is achieved with a minimum score of 80/120													

THEMATICS	<p>The written examinations will focus on:</p> <ul style="list-style-type: none"> - the interpretation and commentary to a text or illustration of a fundamental theme of Italian Literature from its origins to the present times (Italian Studies); - a theme featuring one of the following areas: historical linguistics, theoretical linguistics, corpora linguistics, Italian linguistics and communication theory (Linguistics); - the illustration of themes, texts or palaeographic documents related to the Middle Ages and the Renaissance (History, Tradition and Textual Criticism of Medieval and Renaissance Texts). - designing and consulting databases and IT tools for language and literature studies (Digital Humanities).
<p>Further information available at the following web page: https://www.dottoratofilletlin.unifi.it/</p>	

EXAMINATIONS SCHEDULE			
	DATE	TIME	PLACE
RANKING LIST FOR STANDARD POSITIONS			
WRITTEN EXAMINATION	3 September 2018	9:30 a.m.	Scuola di Studi Umanistici e della Formazione Via Laura 48 – Florence Aula A10
INTERVIEW	10 September 2018	9:30 a.m.	Department of Literature and Philosophy P.zza Brunelleschi, 4 – Florence Sala B
RANKING LIST FOR SPECIFIC RESEARCH TOPIC SCHOLARSHIP <i>Digital Humanities for language and literature studies</i> Dipartimenti di Eccellenza 2018-2022			
WRITTEN EXAMINATION	4 September 2018	2:30 p.m.	Scuola di Studi Umanistici e della Formazione Via Laura 48 – Florence Aula A12
INTERVIEW	11 September 2018	9:30 a.m.	Department of Literature and Philosophy Piazza Brunelleschi, 4 – Florence Sala B
RANKING LIST FOR SPECIFIC RESEARCH TOPIC SCHOLARSHIP <i>The Italian architectural lexicon between the Fourteenth and the Seventeenth Century.</i> Fondo Pluriennale Piano Strategico 2018			
WRITTEN EXAMINATION	4 September 2018	9:30 a.m.	Scuola di Studi Umanistici e della Formazione Via Laura 48 – Florence Aula A12
INTERVIEW	12 September 2018	9:30 a.m.	Department of Literature and Philosophy Piazza Brunelleschi, 4 – Florence Sala B
<p>The list of candidates admitted to the written examination will be published online at the following web page: https://www.unifi.it/p11361.html</p> <p>The list of candidates admitted to the interview and the final ranking will be published online at the following web page: https://www.unifi.it/p11361.html</p>			



DOCTORAL PROGRAMME IN PHILOSOPHY

Coordinator prof. Adriano Fabris

HUMANISTIC AREA	
ADMINISTRATIVE OFFICE	Department of Literature and Philosophy
PARTNER INSTITUTION	University of Pisa
CURRICULA	<ol style="list-style-type: none"> 1. History of Philosophy 2. Ethics, Politics, and Religions 3. Theoretical, Aesthetics, and Philosophy of Language 4. Logic, Philosophy of Science, and History of Science
<p>POSITIONS AVAILABLE:12 Positions with scholarship: 9 Positions without scholarship: 3* * 2 standard ranking * 1 reserved position ranking</p>	
Ranking List for STANDARD POSITIONS scholarships available: 6	<p>3 – University of Florence 3 – University of Pisa</p>
Ranking List for SPECIFIC RESEARCH TOPICS SCHOLARSHIPS positions available: 3	<p>2 – Department of Literature and Philosophy – Progetto Ministeriale “Dipartimenti di Eccellenza 2018-2022”</p> <ul style="list-style-type: none"> • “Textuality and ways of perception. Aesthetics of textuality and intertextuality, intermediality and grammars of the modern and contemporary artistic languages. Theories and historical-critical perspectives” • “Educational Approaches and Theoretical Debates in 16th century Universities” <p>1 – University of Florence – Fondo Pluriennale Piano Strategico 2018</p> <ul style="list-style-type: none"> • “Ethic, Tecnology and Democracy”
Ranking List for RESERVED POSITIONS - position without scholarship available: 1	This position is reserved for candidates who have obtained the qualifications for admission to Ph.D. courses from foreign universities or have obtained a scholarship from a foreign Country or have been admitted to specific international mobility programmes
STUDY/RESEARCH PERIODS ABROAD	YES – only for positions with scholarship
MANDATORY PERIOD REQUIRED	8 months

<p>DOCUMENTS TO BE ENCLOSED WITH THE APPLICATION</p>	<p>STANDARD POSITIONS – SCHOLARSHIPS WITH SPECIFIC RESEARCH TOPICS</p> <p>MANDATORY DOCUMENTS</p> <ul style="list-style-type: none"> • Copy of the Identification Document • Replacement Declaration Form • Curriculum vitae et studiorum, including certification of linguistic competences, list of publications, and other qualifications (if any). • Transcript of records of BA/B.Sc. and MA/MSc degrees; • Title and abstract of the MA/M.Sc. thesis (maximum 5,000 characters including spaces) ; • A chapter of the MA/M.Sc. thesis or any other writing sample, either published or unpublished (maximum 45,000 characters including spaces); • Research project. <p>RESERVED POSITION WITHOUT SCHOLARSHIP</p> <p>MANDATORY DOCUMENTS</p> <ul style="list-style-type: none"> • Copy of the Identification Document • Replacement Declaration Form • Curriculum vitae et studiorum, including certification of linguistic competences, list of publications, and other qualifications (if any). • Title and abstract of the MA/M.Sc. thesis (maximum 5,000 characters including spaces) • A chapter of the MA/MSc thesis or any other writing sample, either published or unpublished (maximum 45,000 characters including spaces); • Research project. <p>STANDARD POSITIONS – SCHOLARSHIPS WITH SPECIFIC RESEARCH TOPICS – RESERVED POSITION WITHOUT SCHOLARSHIP</p> <p>OPTIONAL DOCUMENTS</p> <ul style="list-style-type: none"> • Publications and other qualification document.
<p>REFERENCE LETTERS</p>	<p>A section is provided in the online application to specify the e-mail addresses of two professors/researchers who are willing to provide information about the candidates' education and research activities.</p>
<p>RESEARCH PROJECT</p>	<p>The research project will be consistent with, and will explicitly refer to, one of the curricula of the Ph.D. programme. It will be maximum 25,000 characters long including spaces, will specify a research topic, make clear its originality, and concisely set out the current state of the art on the subject (with adequate bibliographical references) and the lines of inquiry which the candidate believes they could fruitfully pursue during the three years of Ph.D. The project will not be binding in case of successful application.</p>
<p>MODALITY OF EVALUATION</p>	<ul style="list-style-type: none"> • Evaluation of curriculum vitae, research project, publications and other qualification documents • Interview as detailed under “Evaluation marks” below.
<p>OTHER LANGUAGE FOR THE EXAMINATIONS</p>	<p>The interview may be taken either in Italian or English. If taken in Italian, it will include an assessment of the applicant's competence in the English language; if taken in English, it will include an assessment of the applicant's competence in the Italian language. Applicants may request that their competence in other</p>

	languages be evaluated in addition.																					
SKYPE INTERVIEW	YES – possible for foreign residents only																					
INFORMATION ABOUT EXAMINATIONS	<p>The interview will focus on the applicant's publications, additional qualifications (if any), and on the research project. The applicant's linguistic, philosophical and historical-philosophical skills, both in general and in relation to the research project, will also be evaluated.</p> <p>With reference to the reserved position, during the interview special attention will be paid to the assessment of the applicant's command of the Italian language (whose level will have to be equivalent to B2 or higher).</p>																					
EVALUATION MARKS	<table border="1"> <thead> <tr> <th colspan="3">STANDARD POSITIONS – SCHOLARSHIPS WITH SPECIFIC RESEARCH TOPICS – RESERVED POSITION WITHOUT SCHOLARSHIP</th> </tr> <tr> <th>parameter</th> <th>minimum score</th> <th>maximum score</th> </tr> </thead> <tbody> <tr> <td>Curriculum vitae, publications and qualification documents</td> <td>27/120</td> <td>40/120</td> </tr> <tr> <td>Research project</td> <td>27/120</td> <td>40/120</td> </tr> <tr> <td colspan="3">Only applicants who obtain a minimum score of 54/120 in the evaluation of the two above parameters will be admitted to the interview</td> </tr> <tr> <td>Interview: discussion of curriculum vitae, qualification documents, research project</td> <td>26/120</td> <td>40/120</td> </tr> <tr> <td colspan="3">Eligibility is achieved with a minimum score of 80/120</td> </tr> </tbody> </table>	STANDARD POSITIONS – SCHOLARSHIPS WITH SPECIFIC RESEARCH TOPICS – RESERVED POSITION WITHOUT SCHOLARSHIP			parameter	minimum score	maximum score	Curriculum vitae, publications and qualification documents	27/120	40/120	Research project	27/120	40/120	Only applicants who obtain a minimum score of 54/120 in the evaluation of the two above parameters will be admitted to the interview			Interview: discussion of curriculum vitae, qualification documents, research project	26/120	40/120	Eligibility is achieved with a minimum score of 80/120		
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Further information available at the following web page: https://www.dottoratifilosofia.unifi.it																						

EXAMINATIONS SCHEDULE			
	DATE	TIME	PLACE
- RANKING LIST STANDARD POSITIONS - RANKING LIST SCHOLARSHIP WITH SPECIFIC RESEARCH TOPIC University of Florence - Fondo Pluriennale Piano Strategico 2018 - RANKING LIST RESERVED POSITION WITHOUT SCHOLARSHIP			
INTERVIEW	19 September 2018	9:30 a.m.	Department of Literature and Philosophy P.zza Brunelleschi , 4 - Florence Saletta Medioevo e Rinascimento
- RANKING LIST SCHOLARSHIPS WITH SPECIFIC RESEARCH TOPICS Progetto Ministeriale "Dipartimenti di Eccellenza 2018-2022"			
INTERVIEW	18 September 2018	9:30 a.m.	Department of Literature and Philosophy P.zza Brunelleschi, 4 – Florence Sala B
The list of candidates admitted to the oral test and the final ranking will be published online at the following web page: https://www.unifi.it/p11361.html			



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DOCTORAL PROGRAMME IN COMPARATIVE LANGUAGE, LITERATURE AND CULTURE

Coordinator prof. Maria Rita Manzini

HUMANISTIC AREA	
ADMINISTRATIVE OFFICE	Department of Languages, Literature and Intercultural Studies
PARTNER INSTITUTIONS	Rheinische Friedrich-Wilhelms Universitaet Bonn (Germania) (curriculum Germanistica Firenze-Bonn) Sorbonne Université Paris (Francia) Rheinische Friedrich-Wilhelms Universitaet Bonn (Germania) (curriculum Miti Fondatori dell'Europa nelle Arti e nella Letteratura)
CURRICULA	<ol style="list-style-type: none"> 1. German Studies Florence-Bonn (International) 2. Founding Myths of Europe in the Arts and Literature (International) 3. Language, Literature and Philology: Intercultural perspectives 4. Linguistics and Oriental Studies
POSITIONS AVAILABLE: 5 Positions with Scholarship: 4 Position without Scholarship: 1	
Scholarships: 4	University of Florence
RESERVED POSITIONS	NO
STUDY/RESEARCH PERIODS ABROAD	YES – only positions with scholarship
MANDATORY PERIOD REQUIRED	6 months - Curriculum German Studies Florence-Bonn 9 months - Curriculum Founding Myths of Europe in the Arts and Literature 3 months - Curriculum Language, Literature and Philology: Intercultural perspectives 3 months - Curriculum Linguistics and Oriental Studies
DOCUMENTS TO BE ENCLOSED WITH THE APPLICATION	MANDATORY DOCUMENTS <ul style="list-style-type: none"> • Copy of the Identification Document • Replacement Declaration Form • Curriculum vitae • Abstract of Bachelor and Master Thesis • Research Project OPTIONAL DOCUMENTS <ul style="list-style-type: none"> • Any other qualification documents • Abstract of publications
REFERENCE LETTERS	A section is provided in the online application to specify the e-mail addresses of two professors/researchers willing to provide information about candidates training path and activities performed within a scientific field related to the Ph.D. course.

RESEARCH PROJECT AND DOCUMENTS	<p>The research project, of maximum five pages, defining the discipline in which they intend to specialise and written in Italian or in one of the foreign languages: German, French, English and Spanish. The project and the curriculum will be discussed during the interview.</p> <p>The abstracts of the Degree theses defended (Bachelor degree, Master degree, or other of maximum one page per abstract)</p> <p>The abstract of eventual publications (maximum 250 words per article), stressing the original aspects of the various works.</p>																		
MODALITY OF EVALUATION	<ul style="list-style-type: none"> • Evaluation of curriculum vitae, research project, publications and other qualification documents • Interview as detailed in the section below “Evaluation Marks” 																		
OTHER LANGUAGES FOR THE INTERVIEW	<p>German, French, English and Spanish.</p>																		
SKYPE INTERVIEW	<p>YES – possible for foreign residents only</p>																		
EVALUATION MARKS	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 65%;">parameter</th> <th style="width: 15%;">minimum score</th> <th style="width: 20%;">maximum score</th> </tr> </thead> <tbody> <tr> <td>Curriculum vitae, publications, other qualification documents</td> <td>20/120</td> <td>30/120</td> </tr> <tr> <td>Research project</td> <td>20/120</td> <td>30/120</td> </tr> <tr> <td colspan="3">Applicants obtaining a score of at least 40/120 in the evaluation of the curriculum, publications, qualification documents and research project will be admitted to the interview.</td> </tr> <tr> <td>Interview: discussion of the research project, publications and other qualification documents</td> <td>40/120</td> <td>60/120</td> </tr> <tr> <td colspan="3">Eligibility is achieved with a minimum score of 80/120</td> </tr> </tbody> </table>	parameter	minimum score	maximum score	Curriculum vitae, publications, other qualification documents	20/120	30/120	Research project	20/120	30/120	Applicants obtaining a score of at least 40/120 in the evaluation of the curriculum, publications, qualification documents and research project will be admitted to the interview.			Interview: discussion of the research project, publications and other qualification documents	40/120	60/120	Eligibility is achieved with a minimum score of 80/120		
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Eligibility is achieved with a minimum score of 80/120																			
THEMATICS	<p>Curriculum German Studies Florence-Bonn</p> <ol style="list-style-type: none"> 1. Classical-romantic culture and its reception 2. 19th century German literature between Realism and Nihilism 3. Themes and currents of 20th century German Literature 4. Italo-German studies 5. Theory and history of translation and publishing techniques 6. Gender studies 7. Historico-literary anthropology 8. Aesthetics and poetics of modernity 9. Theory and science of literature 10. Literature and arts <p>Curriculum Founding Myths of Europe in the Arts and Literature</p> <ol style="list-style-type: none"> 1. Modernity and new myths 2. Reception of Classical antiquity and the Italian Renaissance in European culture 3. Mythical figures of European culture and its reception 4. Studies on 18th century Europe 																		

	<p>5. Literature and arts 6. Aesthetics and poetics of modernity 7. Classical-romantic culture and its reception</p> <p>Curriculum Language, Literature and Philology: Intercultural perspectives Areas of research: Estonian, Germanic Philology, Finnish, English, Comparative Literature, Portuguese, Romanian, Scandinavian, Spanish, Turkish, Hungarian.</p> <p>Curriculum Linguistics and Oriental Studies</p> <ul style="list-style-type: none"> • Linguistic theory. Analysis of natural languages: phonetics, phonology, morphology, syntax, semantics, pragmatics. Psycholinguistics and neurolinguistics. • Linguistic variation. Dialectology, sociolinguistics. Second language acquisition. Multilingualism, language contact. Linguistic change. Translation. <i>Corpora</i> and automated processing. The lexicon and specialised languages. • Philological and linguistic analysis of texts, with particular attention to oriental languages. Analysis and interpretation of documents and texts in modern and ancient languages. Textual genres.
<p>Further information available at the following web page: https://www.lilsi.unifi.it/vp-186-dottorato-di-ricerca-in-lingue-letterature-e-culture-comparate.html</p>	

EXAMINATION SCHEDULE			
	DATE	TIME	PLACE
INTERVIEW	24 September 2018	9:30 a.m.	Department of Languages, Literature and Intercultural Studies Via Santa Reparata, 93/95 – Florence room n. 20
<p>The list of candidates admitted to the interview and the final ranking will be published at the following web page: https://www.unifi.it/p11361.html</p>			



UNIVERSITÀ
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DOCTORAL PROGRAMME IN EDUCATION SCIENCES AND PSYCHOLOGY

Coordinator prof. Simonetta Ulivieri

HUMANISTIC AREA	
ADMINISTRATIVE OFFICE	Department of Education Sciences and Psychology
CURRICULA	<ol style="list-style-type: none">1. Theory and History of Educational Processes2. Quality of Knowledge and Knowledge of the Differences3. Research Methodologies for Educational Services4. Sciences of Psychological Development and Education, Social Psychology, Psychology of Organisation and Labour
POSITIONS AVAILABLE: 5 Positions with Scholarship: 4 Position without Scholarship: 1	
Scholarships: 4	University of Florence
RESERVED POSITIONS	NO
STUDY/RESEARCH PERIODS ABROAD	YES – only positions with scholarship
MANDATORY PERIOD REQUIRED	6 months
DOCUMENTS TO BE ENCLOSED WITH THE APPLICATION	<p>MANDATORY DOCUMENTS</p> <ul style="list-style-type: none">• Copy of the Identification Document• Replacement Declaration Form• Academic curriculum (Italian and English)• Research project• List of Publications (if any) <p>OPTIONAL DOCUMENTS</p> <ul style="list-style-type: none">• M.Sc. thesis• Master, Diploma Certificates, etc
RESEARCH PROJECT	The Research Project in Italian and English language must be written in not over ten pages, bibliography included. The research project must adhere to the Doctoral academic disciplines listed in the section below “Thematics” . The research project will be discussed and valued during the interview; it will be necessary to the evaluation of applicant's disposition to the research in pedagogical and/or psychological fields.
MODALITY OF EVALUATION	<ul style="list-style-type: none">• Written examination• Interview along with the evaluation of the curriculum, of the research project and of the other qualifications documents as detailed in the section below “evaluation marks”
LANGUAGE FOR THE EXAMINATION	English

SKYPE INTERVIEW	NO														
FURTHER INFORMATION ABOUT THE EXAMINATION	<p>During the written test, the examination board will present four different titles in relation to the four curricula of the Doctoral programme. The titles will be closed in an envelope and one of them will be selected for the exam. Titles will be both in Italian and English and the candidate can take the test both in Italian and English.</p> <p>If the written exam is taken in Italian, English skills will be tested during the interview; if the test is taken in English, Italian skills will be tested.</p>														
EVALUATION MARKS	<table border="1" data-bbox="512 521 1406 801"> <thead> <tr> <th data-bbox="512 521 1027 611">parameter</th> <th data-bbox="1027 521 1217 611">minimum score</th> <th data-bbox="1217 521 1406 611">maximum score</th> </tr> </thead> <tbody> <tr> <td data-bbox="512 611 1027 651">Written test</td> <td data-bbox="1027 611 1217 651">40/60</td> <td data-bbox="1217 611 1406 651">60/60</td> </tr> <tr> <td data-bbox="512 651 1027 757">Interview: discussion of the research project, publications and qualification documents</td> <td data-bbox="1027 651 1217 757">40/60</td> <td data-bbox="1217 651 1406 757">60/60</td> </tr> <tr> <td colspan="3" data-bbox="512 757 1406 801" style="text-align: center;">Eligibility is achieved with a minimum score of 80/120</td> </tr> </tbody> </table>			parameter	minimum score	maximum score	Written test	40/60	60/60	Interview: discussion of the research project, publications and qualification documents	40/60	60/60	Eligibility is achieved with a minimum score of 80/120		
parameter	minimum score	maximum score													
Written test	40/60	60/60													
Interview: discussion of the research project, publications and qualification documents	40/60	60/60													
Eligibility is achieved with a minimum score of 80/120															
FURTHER INFORMATION ON THE EVALUATION PROCESS	<p>The written test will be evaluated following these criteria: authenticity and critical approach; congruence with the main theme selected; coherence of scientific references on the topic; formal accuracy.</p>														
THEMATICS	<p>11/D - PEDAGOGY</p> <p>11/D1: PEDAGOGY AND HISTORY OF PEDAGOGY: the discipline focuses on historical and methodological research, pedagogical theories, educational practices and didactic systems. The section is composed of studies on General Pedagogy, Philosophy of Education, Social Pedagogy, Intercultural Pedagogy, Adult Education, History of Pedagogy and Education, Comparative History of Education, History of the School, Children’s Literature. This section considers gender, social and organizational perspectives as well.</p> <p>11/D2: DIDACTICS, SPECIAL EDUCATION AND EDUCATIONAL RESEARCH: this section focuses on didactics, special education, orientation and evaluation methods. In particular, it comprehends research on General Didactics, Educational Planning, E-learning and Medias, Special Didactics for disabled or foreign students and Experimental pedagogy.</p> <p>11/E - PSYCHOLOGY</p> <p>11/E2: DEVELOPMENTAL PSYCHOLOGY AND EDUCATIONAL PSYCHOLOGY: this discipline focuses on the study of typical and atypical cognitive, linguistic, social and relational skills. It comprehends the study of psychological processes in education, integration and scholastic and professional orientation.</p> <p>11/E3: SOCIAL PSYCHOLOGY, WORK PSYCHOLOGY AND ORGANIZATIONAL PSYCHOLOGY: the discipline focuses on the comprehension of social, cultural, organizational and economical phenomena (Social Psychology). It examines the psychological and relational processes which, working at different levels (individual, organizational, collective, cultural, institutional, and so on), influence people or social groups’ emotions, motivations and actions (Work and Organizational Psychology) in different systems and</p>														

	contexts, such as interpersonal, familiar, environmental, linguistic, intercultural, scholastic, political, legal, economical, professional, and so on).
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Further information available at the following web page:

<https://www.scifopsi.unifi.it/vp-214-dottorato-di-ricerca-in-scienze-della-formazione-e-psicologia.html>

EXAMINATIONS SCHEDULE

	DATE	TIME	PLACE
WRITTEN EXAMINATION	10 September 2018	9:30 a.m.	Plesso Didattico di Scienze della Formazione, Via Laura 48 – Florence
INTERVIEW	18 September 2018	9:30 a.m.	

The Final Ranking will be published at the following web page: <https://www.unifi.it/p11361.html>

DOCTORAL PROGRAMME IN HISTORY OF ART AND PERFORMING ARTS

Coordinator prof. Andrea De Marchi



GIOVANI SI



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Regione Toscana



Pegaso Scholarships 2018 are financed with the resources of the POR FSE TOSCANA 2014/2020 in the frame of the Tuscany Region Project "Giovanisi" (www.giovanisi.it) for the autonomy of young people

HUMANISTIC AREA	
ADMINISTRATIVE OFFICE	Department of History, Archaeology, Geography, Fine & Performing Arts
Regione Toscana Pegaso Project 2018	University of Florence University of Pisa University of Siena
CURRICULA	<ol style="list-style-type: none"> 1. History of Art 2. History of Performing Arts 3. Technologies, Conservation and Restoration of Works of Art and of Performing Arts
<p>POSITIONS AVAILABLE: 14 Positions with scholarship: 11 Positions without Scholarship: 3* * standard ranking only</p>	
Ranking List for STANDARD POSITIONS - scholarships available: 8	5 – University of Florence 3 – Regione Toscana Pegaso Scholarships 2018
Ranking List for POSITIONS WITH SPECIFIC RESEARCH TOPICS scholarship available: 2	<p>Regione Toscana Pegaso Scholarships 2018</p> <ol style="list-style-type: none"> 1. “Digital resources for the investigation, the cataloguing and the visualisation of researches in history of art and history of performing arts” 2. “Communication with innovative, digital and audiovisual technologies of the contents of researches in history of art and history of performing arts”
Ranking List for RESERVED POSITIONS - position with scholarship available: 1	Department of History, Archaeology, Geography, Fine & Performing Arts Progetto Ministeriale “Dipartimenti di Eccellenza 2018-2022” “The study, conservation, rescue and restoration of historical-artistic objects and of those connected to performing, musical, cinematographic, television and multimedia activities” These positions are reserved to applicants who have obtained in a foreign University the degree required to be admitted to the Ph.D. courses.
STUDY/RESEARCH PERIODS ABROAD	YES – for Pegaso Scholarships 2018 only

MINIMUM PERIOD REQUIRED	6 months
DOCUMENTS TO BE ENCLOSED WITH THE APPLICATION	<p>MANDATORY DOCUMENTS</p> <ul style="list-style-type: none"> • Copy of the Identification Document • Replacement Declaration Form • List of university exams and marks • Title and grade of the master thesis • Copy of thesis (Master or equivalent degree) in <i>.pdf</i> format • Curriculum vitae (education and training, professional experience, qualification documents and publications relating to the fields of the Ph.D. programme, skills and competences relevant to the evaluation) • Research Project <p>OPTIONAL DOCUMENTS</p> <ul style="list-style-type: none"> • List of academic publications
RESEARCH PROJECT	<p>The research proposal (maximum 10,000 characters including spacing) must specify the topic of research, outline its place with respect to the state of art, clarify its originality and indicate how the research will unfold throughout the three years of the Ph.D.</p> <p>The candidate may propose the research project for only one of the three curricula and will need to specify which one.</p> <p>The candidate may submit the same research project both for standard positions and for positions with specific research topics, or he/she may submit different research projects for different rankings.</p>
MODALITY OF EVALUATION	<p>STANDARD POSITIONS – REGIONE TOSCANA PEGASO SCHOLARSHIPS 2018</p> <ul style="list-style-type: none"> • Written examination • Interview with the evaluation of the curriculum, of the research project and of the scientific qualification documents as detailed in the section below “Evaluation marks – Standard Positions and Regione Toscana Pegaso Scholarships 2018” <p>RESERVED POSITION</p> <ul style="list-style-type: none"> • Interview with the evaluation of the curriculum vitae, of the research project and of the scientific qualification documents as detailed in the section below “Evaluation marks – Reserved Position”
OTHER LANGUAGE FOR THE INTERVIEW	English
SKYPE INTERVIEW	NO

<p>INFORMATION ABOUT EXAMINATIONS</p>	<p>STANDARD POSITIONS</p> <p>Written examination: topics and methodologies typical of the areas of research pertaining to the Ph.D. programme.</p> <p>The topics proposed by the Committee for the curricula of <i>History of Art</i> and <i>History of Performing Arts</i> will allow the applicant to develop various themes in line with the curriculum chosen by each applicant.</p> <p>For the third curriculum (Technologies, Conservation and Restoration) and for the scholarships reserved for Digitalisation and Communication there will be a written exam aimed at verifying the candidate’s skill and methodological knowledge in the discipline</p> <p>Interview:</p> <ul style="list-style-type: none"> • Evaluation of the curriculum vitae • Interview aimed at verifying the applicant’s competence in the field, the contents, suitability and methods of the proposed research project • Assessment of the applicant’s knowledge of English and of a second language <p>REGIONE TOSCANA PEGASO SCHOLARSHIPS 2018</p> <p>The examinations for the reserved scholarships will take place the same day as the tests for the standard scholarships, that will start later in the day, in order to guarantee the possibility of participating in both selections.</p> <p>Written examination: the test will consist of an essay, the topic of which will be chosen between three and will pertain to the methods and prospects of the digitalisation of documents, surveys and resources concerning the historical-artistic and performing arts heritage.</p> <p>Interview:</p> <ul style="list-style-type: none"> • Evaluation of the curriculum vitae • Interview aimed at verifying the applicant’s competence in the field, the contents, suitability and methods of the proposed research project • Assessment of the applicant’s knowledge of English and of a second language <p>RESERVED POSITION</p> <p>Interview:</p> <ul style="list-style-type: none"> • Evaluation of the curriculum vitae • Interview aimed at verifying the applicant’s competence in the field, the contents, suitability, and methods of the proposed research project • Assessment of the applicant’s knowledge of English and of a second language
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EVALUATION MARKS	STANDARD POSITIONS -REGIONE TOSCANA PEGASO SCHOLARSHIPS 2018		
	parameter	minimum score	maximum score
	Written examination	40/60	60/60
	Interview: including the discussion of the research project, the curriculum vitae, academic publications and qualification documents Reading test and translation of texts in a foreign language (a B2 level English is requested and a second foreign language to be chosen between French, Spanish and German)	40/60	60/60
	Eligibility is achieved with a minimum score of 80/120		
	RESERVED POSITION		
	parameter	minimum score	maximum score
	Curriculum vitae, qualification documents and research project	40/60	60/60
	Interview including the discussion of the research project	40/60	60/60
	Eligibility is achieved with a minimum score of 80/120		
THEMATICS	<ul style="list-style-type: none"> - The written examination for the first curriculum (History of Art) implies the historical and critical discussion of three topics among eight; these will consist of recognized images of works of art (two from the Middle Ages, two from the modern age, two from the contemporary period) and of two historiographical texts. - The written examination for the second curriculum (History of Performing Arts) implies an essay, the topic of which will be chosen among three, that will pertain to the circumstances, problems, methods, sources and instruments of research in the field of history of theatre and of performing arts, music, cinema, radio, television and video production. - The written examination for the third curriculum (Technologies, Conservation and Restoration) implies answering a series of questions regarding the issues of history and theory of restoration, artistic techniques, diagnostics and restoration. - The written examination for the Regione Toscana Pegaso 2018 scholarships with the fixed subject “Digital resources for the investigation, the cataloguing and the visualisation of researches in history of art and history of performing arts” and “Communication with innovative, digital and audiovisual technologies of the contents of researches in history of art and history of performing arts” implies an essay, the topic of which will be chosen among three, that will pertain to the methods and prospects of the digitalisation of documents, surveys and resources concerning the historical-artistic and performing arts heritage. - The examination for the reserved position implies an interview aimed at verifying the applicant’s competence in the field, the contents, suitability and methods of the proposed research project and the knowledge of English and of a second foreign language. 		

Further information is available on the following web page:

<https://www.storiartispettacolo.unifi.it/>

EXAMINATIONS SCHEDULE

	DATE	TIME	PLACE
RANKING LIST - STANDARD POSITIONS -			
WRITTEN TEST	4 September 2018	12:30 p.m. - History of Performing Arts curriculum 1:00 p.m. - Technologies, Conservation and Restoration of Works of Art and of Performing Arts curriculum 1:30 p.m. - History of Art curriculum	Department of History, Archaeology, Geography, Fine & Performing Arts via Gino Capponi 9 Florence
INTERVIEW	12 September 2018	4:00 p.m. - Technologies, Conservation and Restoration of Works of Art and of Performing Arts curriculum	
	13 September 2018	9:00 a.m. - History of Performing Arts curriculum	
	14 September 2018	9:00 a.m. - History of Art curriculum	
RANKING LIST - REGIONE TOSCANA PEGASO SCHOLARHIPS 2018 -			
WRITTEN TEST	4 September 2018	10:00 a.m. - Topic: "Digital resources for the investigation, the cataloguing and the visualisation of researches in history of art and history of performing arts." 11:00 a.m. - "Communication with innovative, digital and audiovisual technologies of the contents of researches in history of art and history of performing arts"	Department of History, Archaeology, Geography, Fine & Performing Arts via Gino Capponi 9 Florence
INTERVIEW	12 September 2018	9:00 a.m.	
RANKING LIST - RESERVED POSITION -			
INTERVIEW	12 September 2018	2:00 p.m.	Department of History, Archaeology, Geography, Fine & Performing Arts via Gino Capponi 9 Florence

The list of candidates admitted to the written examination will be published online on the following web page: <https://www.unifi.it/p11361.html>

The list of candidates admitted to the oral test will be published online on the following web page: <https://www.storiartispettacolo.unifi.it/ls-6-ammissione.html>

The final ranking will be published online on the following web page: <https://www.unifi.it/p11361.html>



DOCTORAL PROGRAMME IN HISTORICAL STUDIES

Coordinator prof. Rolando Minuti

HUMANISTIC AREA	
ADMINISTRATIVE OFFICE	Department of History, Archaeology, Geography, Fine & Performing Arts
PARTNER INSTITUTION	University of Siena
CURRICULA	<ol style="list-style-type: none">1. History and Civilisation of the Ancient World and the Near East2. Medieval History3. Modern History4. Contemporary History5. Book Sciences, Institutions and Archives6. Public History
POSITIONS AVAILABLE: 10 Positions with scholarship: 10 Position without scholarship: <i>not foreseen</i>	
Ranking List for STANDARD POSITIONS - scholarships available: 9	6 – University of Florence 3 – University of Siena
Ranking List for RESERVED POSITIONS - position with scholarship available: 1	Department of History, Archeology, Geography, Fine & Performing Arts – Progetto Ministeriale “Dipartimenti di Eccellenza 2018-2022” Thematic: “Relationships between historical research and Public History” This position is reserved to applicants who have obtained in a foreign University the degree required to be admitted to the Ph.D. courses
STUDY/RESEARCH PERIODS ABROAD	Not required
DOCUMENTS TO BE ENCLOSED WITH THE APPLICATION	STANDARD POSITIONS AND CANDIDATES WITH ITALIAN DEGREE MANDATORY DOCUMENTS <ul style="list-style-type: none">• Copy of the Identification Document• Replacement Declaration Form• Title and grades of Master Thesis• Copy of thesis (Master or equivalent degree)• Curriculum vitae et studiorum• Research project RESERVED POSITION AND CANDIDATES WITH FOREIGN DEGREE MANDATORY DOCUMENTS <ul style="list-style-type: none">• University certificates in original language and translated into Italian or English• Curriculum vitae in Italian or English

	<ul style="list-style-type: none"> • A copy of the thesis (or equivalent) with abstract in Italian or English • Research project in Italian or English • Certification of good knowledge of Italian (Level Standard B2) <p>FOR ALL POSITIONS OPTIONAL DOCUMENTS</p> <ul style="list-style-type: none"> • List of scientific publications and any other qualification document • Copy of possible publications, which can be annexed to the application or whose accessibility the candidate can state the in an open access repository.
RESEARCH PROJECT	<p>The project must be consistent with the Doctorate curricula, one of which must be explicitly mentioned. The project will not be less than 8000 and no more than 12000 characters (spaces included). The project must explain the research topic, highlight its original features, briefly show the state of the art concerning the subject (with appropriate bibliographic references) and the lines of investigation which the candidate thinks possible to follow during the three years of the Doctoral course.</p>
REFERENCE LETTERS	<p>A section is provided in the online application to specify the e-mail addresses of two professors/researchers willing to provide information about candidates training path and activities performed within a scientific field related to the Ph.D. course.</p>
MODALITY OF EVALUATION	<p>STANDARD POSITIONS</p> <ul style="list-style-type: none"> • Evaluation of curriculum vitae, research project, publications and other qualification documents • Interview as detailed in the section below “Modality of evaluation – Standard positions” <p>RESERVED POSITION WITH SCHOLARSHIP</p> <ul style="list-style-type: none"> • Evaluation of curriculum vitae, research project, publications and other qualification documents as detailed in the section below “Modality of evaluation – Reserved position” • Interview: including the discussion of the research project
SKYPE INTERVIEW	<p>YES – possible for foreign resident only</p>
FURTHER INFORMATION ON THE EXAMINATION	<p>FOR ALL POSITIONS</p> <p>The project will be discussed and evaluated in the interview. During the interview, general historical and historiographical competences will be verified, as well as particular ones concerning the research topic. During the interview the knowledge of English language will be also verified. Candidates can also prove the knowledge of other foreign languages beyond English, which can be verified and evaluated by the commission.</p> <p>Furthermore, only for candidates graduated from non Italian universities or who apply for a reserved position, during the interview the knowledge of Italian language (B2 Standard Level) will be verified.</p>

EVALUATION MARKS	STANDARD POSITIONS		
	parameter	minimum score	maximum score
	Curriculum vitae, publications, qualification documents	5/120	10/120
	Research project	35/120	50/120
	Applicants who obtain a mark of at least 40/120 in the evaluation of the above parameters will be admitted to the interview		
	Interview: discussion of the research project, for the evaluation of the research activity which will be carried out during the three years of the Doctoral course.	40/120	60/120
	Eligibility is achieved with a minimum score of 80/120		
	RESERVED POSITION WITH SCHOLARSHIP		
	parameter	minimum score	maximum score
	Curriculum vitae, publications, qualification documents	40/120	60/120
	Interview	40/120	60/120
	Eligibility is achieved with a minimum score of 80/120		
Further information is available at the following web page: https://www.sagas.unifi.it/			

EXAMINATIONS SCHEDULE			
	DATE	TIME	PLACE
RANKING LIST STANDARD POSITIONS			
INTERVIEW	7 September 2018	8:30 a.m.	Department of History, Archaeology, Geography, Fine & Performing Arts Via S. Gallo 10, Florence sala della Direzione
RANKING LIST RESERVED POSITION WITH SCHOLARSHIP			
INTERVIEW	7 September 2018	8:30 a.m.	Department of History, Archaeology, Geography, Fine & Performing Arts Via S. Gallo 10, Florence sala della Direzione
The list of the candidates admitted to the oral test and the final ranking will be published online at the following website page: https://www.unifi.it/p11361.html			