

# INTERNATIONAL DOCTORATE IN CIVIL AND ENVIRONMENTAL ENGINEERING

Coordinator prof. Fabio Castelli



GIOVANI SI



UNIVERSITÀ  
DEGLI STUDI  
FIRENZE



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](http://www.giovanisi.it)) for the autonomy of young people

<b>TECHNOLOGICAL AREA</b>	
<b>ADMINISTRATIVE OFFICE</b>	Department of Civil and Environmental Engineering (DICEA)
<b>Regione Toscana Pegaso Project 2018</b>	University of Florence University of Pisa
<b>PARTNER INSTITUTIONS</b>	University of Perugia Bauingenieurwesen und Umweltwissenschaften – Technische Universität Braunschweig, Germany – Fakultät 3 Architektur
<b>CURRICULA</b>	<ol style="list-style-type: none"> <li>1. Solid Fluid and Materials Mechanics</li> <li>2. Construction Design, Verification and Control</li> <li>3. Environment, Resources and Security</li> </ol>
<p><b>POSITIONS AVAILABLE: 16</b>                  Positions with scholarship: 12                  Positions without Scholarship: 4*                  * standard ranking only</p>	
<b>Ranking List for STANDARD POSITIONS - scholarships available: 10</b>	5 – University of Florence 3 – University of Perugia 2 – Regione Toscana <b>Pegaso Scholarships 2018</b>
<b>Ranking List for POSITIONS WITH SPECIFIC RESEARCH TOPICS scholarships available: 2</b>	<p><b>Regione Toscana Pegaso Scholarships 2018</b></p> <ol style="list-style-type: none"> <li>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"</li> <li>2. "Analysis and optimization of the processes for the exploitation of sewage sludge in a circular economy"</li> </ol>
<b>RESERVED POSITIONS</b>	NO
<b>STUDY/RESEARCH PERIODS ABROAD</b>	YES
<b>MANDATORY PERIOD REQUIRED</b>	<p><b>9 months</b> (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><b>12 months</b> (maximum) for Pegaso Scholarships 2018 holders are due to perform a mandatory study/research period abroad</p>
<b>DOCUMENTS TO BE ENCLOSED WITH THE APPLICATION</b>	<p><b>MANDATORY DOCUMENTS</b></p> <ul style="list-style-type: none"> <li>• Copy of the Identification Document</li> <li>• <a href="#">Replacement Declaration Form</a></li> <li>• Curriculum vitae</li> <li>• Research project</li> </ul> <p><b>OPTIONAL DOCUMENTS</b></p> <ul style="list-style-type: none"> <li>• List of publications and any other qualification documents</li> </ul>

<b>REFERENCE LETTERS</b>	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.																		
<b>RESEARCH PROJECT</b>	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.																		
<b>MODALITY OF EVALUATION</b>	<ul style="list-style-type: none"> <li>• <b>Evaluation of curriculum vitae, research project, publications and other qualification documents</b></li> <li>• <b>Interview</b> as detailed in the section below <b>“Evaluation Marks”</b></li> </ul>																		
<b>OTHER LANGUAGE FOR THE EXAMINATION</b>	English																		
<b>SKYPE INTERVIEW</b>	<b>YES</b> – possible for foreign residents only																		
<b>FURTHER INFORMATION ABOUT EXAMINATIONS</b>	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).																		
<b>EVALUATION MARKS</b>	<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"><b>Applicants who obtain at least 30/120 marks in the evaluation of the two above parameters will be admitted to the interview</b></td> </tr> <tr> <td>Interview</td> <td>50/120</td> <td>70/120</td> </tr> <tr> <td colspan="3"><b>Eligibility is achieved with a minimum score of 80/120</b></td> </tr> </tbody> </table>	Parameter	Minimum score	Maximum score	Curriculum vitae, publications , qualification documents	10/120	20/120	Research Project	20/120	30/120	<b>Applicants who obtain at least 30/120 marks in the evaluation of the two above parameters will be admitted to the interview</b>			Interview	50/120	70/120	<b>Eligibility is achieved with a minimum score of 80/120</b>		
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Further information available at the following web page: <a href="http://www.ddicea.unifi.it/mdswitch.html">http://www.ddicea.unifi.it/mdswitch.html</a>																			

<b>EXAMINATION SCHEDULE</b>			
	<b>DATE</b>	<b>TIME</b>	<b>PLACE</b>
<b>INTERVIEW</b>	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: <a href="https://www.unifi.it/p11361.html">https://www.unifi.it/p11361.html</a>			