



UNIVERSITÀ  
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## INTERNATIONAL DOCTORATE IN ATOMIC AND MOLECULAR PHOTONICS

Director prof. Diederik Sybolt Wiersma

XLI cycle – academic year 2025/2026

SCIENTIFIC AREA	
ADMINISTRATIVE OFFICE	Department of Physics and Astronomy
WEB	<a href="http://phd.lens.unifi.it">phd.lens.unifi.it</a>
<b>POSITIONS AVAILABLE: 10</b> Positions with Scholarship: 8 Position without Scholarship: 2* <i>* standard ranking only</i>	
<b>RANKING LIST FOR STANDARD POSITIONS SCHOLARSHIPS AVAILABLE: 6</b>	1 - University of Florence 5 - European Laboratory for Non-linear Spectroscopy (LENS)
<b>RANKING LIST FOR POSITION WITH SPECIFIC RESEARCH TOPIC SCHOLARSHIP AVAILABLE: 1</b>	Department of Physics and Astronomy <b>Thematic:</b> “3D printed nonlinear polymers for integrated photonics” financed by ERC Stg 3DnanoGiant CUP G93C25000090006
<b>RANKING LIST FOR SPECIFIC RESEARCH TOPICS SCHOLARSHIPS POSITION AVAILABLE: 1</b>  <i>(conditioned on the allocation of the grant)</i>	<p>The Doctoral programme participates in the “<i>Manifestazione di interesse per l’acquisizione di proposte di tesi di dottorato di ricerca sul tema del contributo delle donne in ambito scientifico e tecnologico nel corso della storia</i>”, by Presidenza del Consiglio dei Ministri – Dipartimento per le Pari Opportunità for the funding of the following scholarship.</p> <p><b>Thematic:</b> “Lise Meitner: a long life in search of the secrets of the atom, enthusiastic scientist “who never lost her humanity”</p> <p>The research project aims to deepen the scientific and human profile of Lise Meitner in the historical context that coincided with the discovery of nuclear fission, her often difficult relationship with a purely male environment, through the documentation available in the libraries of the University of Florence and the Arcetri site.</p>

	Please note: the scholarship will be awarded ONLY if the funding is granted											
STUDY/RESEARCH PERIODS ABROAD	3 months											
DOCUMENTS REQUIRED FOR THE ADMISSION (under penalty of exclusion)	<ul style="list-style-type: none"><li>• Copy of the Identification Document</li><li>• Self-certification for qualifications obtained in Italy (laurea triennale, specialistica o magistrale o ciclo unico) with list of exams taken, credits and related grade, title of the thesis and graduation mark (using this <a href="#">template</a> or similar forms containing the required information)</li><li>• Qualifications obtained abroad (Bachelor’s and Master Degrees or combined cycle Degree) with a list of all exams taken, credits and related grade, rating scale, title of the thesis and graduation mark</li></ul> <p>The same documentation except for the final mark must be submitted by those who will graduate within the 31/10/2025</p>											
DOCUMENTS REQUIRED FOR THE EVALUATION	<b>MANDATORY</b> <ul style="list-style-type: none"><li>• Curriculum vitae (in English)</li><li>• Research Project (in English)</li></ul> <b>OPTIONAL</b> <ul style="list-style-type: none"><li>• List of publications (in English)</li><li>• Qualification documents (in English)</li></ul>											
RESEARCH PROJECT AND DOCUMENTS	<p>The Candidate shall present a Research Project, written in English, for her/his activity during the three years Ph.D. The project must be in A4 format (from 2 pages up to maximum 5 pages) including notes and references.</p> <p>The candidate may present the same project for the standard scholarship and for the scholarship with specific research topic and separate ranking list funded by Department of Physics and Astronomy he/she intend to apply to, or alternatively may present different projects for each scholarship, indicating clearly to which scholarship each project refers.</p> <p>A specific research project must be submitted for the scholarship referred to “Manifestazione di interesse” of the Presidenza del Consiglio dei Ministri.</p>											
INTERVIEW MODE	<b>Remotely</b> (Videocall)											
	The interview is conducted in English language											
FURTHER INFORMATION	Interview will be focused on the discussion of the research project and on the curriculum submitted by the candidate.											
EVALUATION MARKS	<table><tr><th>parameter</th><th>minimum score</th><th>maximum score</th></tr><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></table> <p><b>Applicants who obtain a mark of at least 40/120 according to the minimum score for each parameter will be admitted to the interview</b></p>			parameter	minimum score	maximum score	Curriculum vitae, publications, qualification documents	13/120	20/120	Project research	27/120	40/120
parameter	minimum score	maximum score										
Curriculum vitae, publications, qualification documents	13/120	20/120										
Project research	27/120	40/120										

	Interview	40/120	60/120
	Eligibility is achieved with a minimum score of 80/120		

EXAMINATION SCHEDULE		
	DATE	TIME
<b>INTERVIEW</b>	July 21 <sup>th</sup> 2025	9:00 a.m.
The list of the candidates admitted to the interview and the final ranking will be published at the page <b>PhD courses</b>		