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UNIVERSITÀ  
DEGLI STUDI  
FIRENZE

## INTERNATIONAL DOCTORATE IN ATOMIC AND MOLECULAR PHOTONICS

*Director prof. Diederik Sybolt Wiersma*

**XXXVIII cycle – academic year 2023/2024**

<b>SCIENTIFIC AREA</b>	
<b>ADMINISTRATIVE OFFICE</b>	Department of Physics and Astronomy
<p><b>POSITIONS AVAILABLE: 10</b>          Positions with Scholarship: 8          Position without Scholarship: 2*  <i>* standard ranking only</i></p>	
<b>RANKING LIST FOR STANDARD POSITIONS SCHOLARSHIPS AVAILABLE: 7</b>	<p>1 - University of Florence          5 - European Laboratory for Non-linear Spectroscopy (LENS)          1 - Department of Physics and Astronomy  <b>Thematic:</b> “Development of a multispectral imaging system for functional analyses in clinical setting” Hyper-probe project</p>
<b>RANKING LIST FOR POSITION WITH SPECIFIC RESEARCH TOPIC SCHOLARSHIP AVAILABLE: 1</b>	<p><b>NRRP</b> - European Union - NextGenerationEU  <b>Thematic:</b> “Image analysis and system management of a fluorescence microscope on largescale volumetric samples”          Missione 4 “Istruzione e Ricerca” - Componente 2 “Dalla ricerca all’impresa” - Linea di investimento 3.1 “Fondo per la realizzazione di un sistema integrato di infrastrutture di ricerca e innovazione” (Infrastrutture di ricerca) - SEE-LIFE - CUP: B53C22001810006          Co-funded by European Laboratory for Non-Linear Spectroscopy (LENS) - Project FOE2017</p>
<b>STUDY/RESEARCH PERIODS ABROAD</b>	3 months
<b>DOCUMENTS REQUIRED FOR THE ADMISSION</b> (under penalty of exclusion)	<ul style="list-style-type: none"> <li>• Copy of the Identification Document</li> <li>• Self-declaration for qualifications obtained in Italy (laurea triennale, specialistica o magistrale o ciclo unico) with a list of all exams taken and their marks, title of the thesis and graduation mark (download the form <a href="#">here</a>, make sure you <b>fill in all the fields</b>)</li> <li>• Qualifications obtained abroad (Bachelor’s and Master Degrees or combined cycle Degree) with a list of all exams taken and their marks, title of the thesis and graduation mark.</li> </ul> <p><i>The same documentation except for the final mark must be submitted by those who will graduate within the 31/10/2023</i></p>

<b>DOCUMENTS REQUIRED FOR THE EVALUATION</b>	<p><b>MANDATORY</b></p> <ul style="list-style-type: none"> <li>• Curriculum vitae (in English)</li> <li>• Research Project (in English)</li> </ul> <p><b>OPTIONAL</b></p> <ul style="list-style-type: none"> <li>• List of publications (in English)</li> <li>• Qualification documents (in English)</li> </ul>																		
<b>RESEARCH PROJECT AND DOCUMENTS</b>	<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 he/she intend to apply to, or alternatively may present different projects for each scholarship, indicating clearly to which scholarship each project refers.</p>																		
<b>INTERVIEW MODE</b>	<p><b>Remotely</b> (Videocall)</p> <p>The interview is conducted in English language</p>																		
<b>FURTHER INFORMATION</b>	<p>Interview will be focused on the discussion of the research project and on the curriculum submitted by the candidate.</p>																		
<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>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"><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></td> </tr> <tr> <td>Interview</td> <td>40/120</td> <td>60/120</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	13/120	20/120	Project research	27/120	40/120	<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>			Interview	40/120	60/120	<b>Eligibility is achieved with a minimum score of 80/120</b>		
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<p>Further information available at the following web page: <a href="http://phd.lens.unifi.it/">http://phd.lens.unifi.it/</a></p>																			

<b>EXAMINATION SCHEDULE</b>		
	<b>DATE</b>	<b>TIME</b>
<b>INTERVIEW</b>	July 14 <sup>th</sup> 2023	9:00 a.m.
<p>The list of candidates admitted to the interview and the final ranking will be published at the following web page: <a href="https://www.unifi.it/p12341.html">https://www.unifi.it/p12341.html</a></p>		