

Physics	
Cycle	40°
Director	Prof.ssa Eleonora Luppi ( <a href="mailto:eleonora.luppi@unife.it">eleonora.luppi@unife.it</a> ) Department of Physics and Earth Science
Duration	3 years
Course Type	PhD in association with INFN - National Institute for Nuclear Physics - INFN Joint PhD Programme in Physics with H. Niewodniczański Institute of Nuclear Physics Polish Academy of Sciences (IFJ PAN), Kraków, Poland
Curriculum	No
Research Topics	<a href="https://www.unife.it/studenti/dottorato/it/corsi/riforma/physics">https://www.unife.it/studenti/dottorato/it/corsi/riforma/physics</a>
Qualification required for admission	Italian degree known as “Laurea specialistica/magistrale” or a degree awarded prior to approval of Ministerial Decree D.M. n. 509 of 3 November 1999, updated with D.M. n. 270 of 22 October 2004, n. 270; Master's (second level) degree, or an equivalent foreign academic qualification awarded abroad.

Assessment Criteria		
<b>Evaluation of qualification:</b> maximum score <b>40</b> points. Minimum score required to be admitted to the interview <b>25/40</b>		
<b>Interview:</b> maximum score <b>40</b> points (including the foreign language examination)		
<b>Minimum final score required: 60/80</b>		
During the interview, the applicant's knowledge of the following language will be tested		English
List of assessable credentials		
<b>Curriculum vitae et studiorum</b>	<i>Curriculum vitae in European format, including the list of publications (if any) with their respective links; Complete academic career information; self-certified list of examinations and grades and final mark for Bachelor and (for candidates who already have their Master's Degree) Master's degrees.</i>	Up to 10 points
<b>Research project</b>	<i>Maximum of 6000 characters (including bibliography) in English or Italian, regarding one of the proposed research theme. Structure must be as follows: introduction to the scientific international context, relevance of the issue, methods which will be used in approaching the issue, expected results, bibliography.</i>	Up to 30 points
Interview agenda/program		
The oral test involves the discussion of the submitted project and the verification of the candidate's skills, as well as the verification of language proficiency, and is aimed at verifying the candidate's aptitude for scientific research and his or her general preparation on topics related to the research themes of the doctoral course.		
Examination Timetable		
The evaluation of qualifications and the oral test will take place by <b>July 26th, 2024</b> . The outcome of the evaluation of qualifications for the purpose of admission to the interview, the date from which consultation will be possible, and the day and time of the oral test will be announced by the deadline of this call on page: <a href="https://www.unife.it/studenti/dottorato/it/concorsi/bandi-40/bando-40-pnrr/date-e-luoghi-per-il-colloquio-dates-and-locations-for-the-interview">https://www.unife.it/studenti/dottorato/it/concorsi/bandi-40/bando-40-pnrr/date-e-luoghi-per-il-colloquio-dates-and-locations-for-the-interview</a>		

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**Innovative PhDs for Enterprises - M4C2 I. 3.3**

**CUP: F73C24000520006**

<b>N°</b>	<b><i>Partner company</i></b>	<b><i>Research topic</i></b>
<b>1</b>	GeoExplorer Impresa Sociale Srl	Machine learning techniques for environmental physics
<b>2</b>	ATS Applicazione Tecnologie Speciali S.r.l.	Innovative diagnostics in precision medicine via the optimization of digital angiography techniques through new contrast agents and artificial intelligence methods