

INTERNATIONAL DOCTORATE

IN

CIVIL AND ENVIRONMENTAL ENGINEERING

Director prof. Claudio Borri

XXXVI cycle – academic year 2020/2021



GIOVANI SI



UNIVERSITÀ
DEGLI STUDI
FIRENZE



Regione Toscana



Pegaso Scholarships are funded with resources of the POR FSE TOSCANA 2014/2020 in the frame of GiovaniSI (www.giovanisi.it), the project organized by Regione Toscana to help young people become independent.

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| TECHNOLOGICAL AREA | |
| ADMINISTRATIVE OFFICE | Department of Civil and Environmental Engineering (DICEA) |
| REGIONE TOSCANA PEGASO PROJECT 2020 | University of Florence University of Pisa |
| PARTNER INSTITUTIONS | 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: 11 Positions with scholarship: 9 Positions without Scholarship: 2* * standard ranking only</p> | |
| RANKING LIST FOR STANDARD POSITIONS SCHOLARSHIPS AVAILABLE: 7 | <ol style="list-style-type: none"> 5 - University of Florence 2 - Regione Toscana Pegaso Scholarships 2020 |
| RANKING LISTS FOR POSITIONS WITH SPECIFIC RESEARCH TOPICS SCHOLARSHIPS AVAILABLE: 2 | <p>Regione Toscana Pegaso Scholarships 2020**</p> <ol style="list-style-type: none"> 1. “An intelligent building from an existing building: integrated development, innovative storage systems and efficient use of energy developed from renewable sources” 2. “Multifunctional maritime structures for the mitigation of waves and the production of blue energy” <p>** A period of training/research in an enterprise, a public research institution or other public institution (not a university) of at least 3 months is mandatorily required.</p> |
| STUDY/RESEARCH PERIODS ABROAD | Mandatory for all positions |

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| MANDATORY PERIOD REQUIRED | <ul style="list-style-type: none"> - 9 months either at TU- Braunschweig or other foreign university with a co-tutorship agreement to be signed within the first year of the course - 12 months for Pegaso Scholarships 2020 holders are due to perform a mandatory study/research period abroad (8 months in the first two years) |
| DOCUMENTS REQUIRED FOR THE ADMISSION (under penalty of exclusion) | <ul style="list-style-type: none"> • Copy of the Identification Document • <u>Replacement Declaration Form</u> self-declaration for: <ul style="list-style-type: none"> - Italian Degree required for the access - transcript of records with marks (<i>for those candidates whose degrees will be awarded within the 31st October 2020</i>) - acknowledgment of compliance for any other qualification documents enclosed with the application • Foreign Degree required for the access (<i>those candidates whose degrees will be awarded within the 31st October 2020 shall enclose the list of the examinations completed with marks</i>) |
| DOCUMENTS REQUIRED FOR THE EVALUATION | <p>MANDATORY</p> <ul style="list-style-type: none"> • Curriculum vitae • Research project <p>OPTIONAL</p> <ul style="list-style-type: none"> • List of publications • Any other qualification document |
| REFERENCE LETTERS | <p>A section is provided in the online application to specify the e-mail addresses of one professor/researcher willing to provide information about candidates training path and activities performed within a scientific field related to the Ph.D. course.</p> |
| RESEARCH PROJECT | <p>Research project carried out in the context of the PhD program and should refer to at least one of the research topics/fields listed in correspondence to each curriculum. Here the complete list: https://www.indicee.unifi.it/vp-153-topics-xxxvi-cycle.html</p> <p>The project should be written in English and should not exceed 3 pages including the references.</p> <p>For candidates applying for specific research topics scholarships Pegaso 2020, the submitted research project should be related to that specific topics. In case the candidate also applies for standard positions (double application), the research project submitted will be valid for the application for standard scholarship as well.</p> |
| EVALUATION PROCEDURE | <ul style="list-style-type: none"> • Evaluation of curriculum vitae, research project, publications and other qualification documents • Interview <p>As detailed in the section below “Evaluation Marks”.</p> |
| OTHER LANGUAGE FOR THE INTERVIEW | English |
| INTERVIEW by remote mode | Google Meet or Skype |
| FURTHER INFORMATION ABOUT EXAMINATIONS | <p>The candidate’s engineering background, necessary for the proposed research project, will be also verified during the interview. The Interview will be as well intended to verify candidates knowledge of the English language (level B2 or</p> |

| | higher). | | | | | | | | | | | | | | | | | | |
|--|---|---------------|---------------|---------------|---|--------|--------|------------------|--------|--------|--|--|--|-----------|--------|--------|---|--|--|
| FURTHER INFORMATION ABOUT THE PROGRAMME | The International PhD Programme leads mandatorily to the achievement of a joined/double degree in co-tutorship with a foreign University, according to the rules and modalities provided by the Call and by the internal Regulation. Further information available at the following web page: https://www.indicee.unifi.it/index.php | | | | | | | | | | | | | | | | | | |
| 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 a mark of at least 30/120 according to the minimum score for each parameter 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 a mark of at least 30/120 according to the minimum score for each parameter will be admitted to the interview | | | Interview | 50/120 | 70/120 | Eligibility is achieved with a minimum score of 80/120 | | |
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| EXAMINATIONS SCHEDULE | | |
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| | DATE | TIME |
| INTERVIEW | September 14 th 2020 | 10:00 a.m. |
| The list of the candidates admitted to the interview and the final ranking will be published at the following web page: https://www.unifi.it/p11741.html | | |