

## INTERNATIONAL DOCTORATE IN

## **CIVIL AND ENVIRONMENTAL ENGINEERING**

Director prof. Luca Solari

## XXXVIII cycle – academic year 2022/2023

| TECHNOLOGICAL ADEA   |  |  |  |
|--|--|--|--|
| TECHNOLOGICAL AREA   |  |  |  |
| ADMINISTRATIVE OFFICE  | Department of Civil and Environmental Engineering (DICEA)  |  |  |
| PARTNER INSTITUTIONS   | University of Pisa Technische Universitat Braunschweig (Germany) – Fakultat 3 Architektur  |  |  |
| CURRICULA  | <ol> <li>Solid, Fluid and Materials Mechanics</li> <li>Construction Design, Verification and Control</li> <li>Environment, Resources and Security</li> </ol>   |  |  |
| POSITIONS AVAILABLE: 8 Positions with scholarship: 6 Positions without Scholarship: 2* * standard ranking only |  |  |  |
| RANKING LIST FOR<br>STANDARD POSITIONS<br>SCHOLARSHIPS<br>AVAILABLE: 5   | 3 – University of Florence 2 – University of Pisa  |  |  |
| RANKING LISTS FOR POSITIONS WITH SPECIFIC RESEARCH TOPICS SCHOLARSHIPS AVAILABLE: 1                            | Centro di Servizi Polo Universitario "Sistemi Logistici" di Livorno, Università di Pisa  Thematic: "Design, simulation and optimization of innovative strategies for the management of freight logistics based on an urban distribution center"  |  |  |
| STUDY/RESEARCH<br>PERIODS ABROAD   | Mandatory  |  |  |
| MANDATORY PERIOD<br>REQUIRED   | <b>9 months</b> either at TU- Braunschweig or other foreign university with a cotutorship agreement to be signed within the first year of the course   |  |  |
| DOCUMENTS REQUIRED<br>FOR THE ADMISSION<br>(under penalty of<br>exclusion)                                     | <ul> <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">here</a>, make sure you fill in all the fields)</li> <li>Qualifications obtained abroad (Bachelor's and Master Degrees or combined cycle Degree) with a list of all exams taken and their marks,</li> </ul> |  |  |

|  | title of the thesis and graduation mark.  |                  |               |  |
|--|---|------------------|---------------|--|
|  | The same documentation except for the final mark must be submitted by those who will graduate within the 31/10/2022   |                  |               |  |
| DOCUMENTS REQUIRED FOR THE EVALUATION      | <ul> <li>MANDATORY <ul> <li>Curriculum vitae</li> <li>Research project</li> </ul> </li> <li>OPTIONAL <ul> <li>List of publications</li> <li>Any other qualification document</li> </ul> </li> </ul>   |                  |               |  |
| REFERENCE LETTERS                          | 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.   |                  |               |  |
| RESEARCH PROJECT                           | 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-180-topics-xxxviii-cycle.html.   |                  |               |  |
|  | The project should be written in English and should not exceed 3 pages including the references.  |                  |               |  |
| INTERVIEW MODE                             | Remotely (videocall)  |                  |               |  |
|  | The interview can be conducted in English language  |                  |               |  |
| FURTHER INFORMATION                        | 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 higher).   |                  |               |  |
| FURTHER INFORMATION<br>ABOUT THE PROGRAMME | The International PhD Programme leads <b>mandatorily</b> 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 |                  |               |  |
|  | Parameter   | Minimum<br>score | Maximum score |  |
| EVALUATION MARKS                           | Curriculum vitae, publications, other 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  |                  |               |  |
| L  |   |                  |               |  |

| EXAMINATION SCHEDULE |   |           |  |
|----------------------|---|-----------|--|
|                      | DATE  | TIME      |  |
| INTERVIEW            | August 24 <sup>th</sup> - 25 <sup>th</sup> 2022 | 9:30 a.m. |  |

The list of candidates admitted to the interview and the final ranking will be published at the following web page: https://www.unifi.it/p12202.html