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UNIVERSITÀ
DEGLI STUDI
DELL'AQUILA

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Amministrazione centrale
Area Ricerca e Trasferimento Tecnologico
Settore Dottorati, Assegni e Borse di Ricerca

| Ph.D. Course in INDUSTRIAL AND INFORMATION ENGINEERING AND ECONOMICS | |
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| Ordinary places | 7 |
| of which | |
| with grant | 7 |
| without financial support | 0 |
| Grant/Fellowship Funding source | <ul style="list-style-type: none"> 6 grants financed by the project "Vitality- Innovation Ecosystem, Digitalisation and Sustainability for a widespread equitable economy in the center of Italy" 1 grant financed by the project "SoBigData.it" from the funds of the public notice for the presentation of project proposals for "Reinforcement and creation of research infrastructures" |
| Grants subjects "Vitality- Innovation Ecosystem, Digitalisation and Sustainability for a widespread equitable economy in the center of Italy" | <p>6 grants aimed at carrying out research concerning:</p> <p>ECO-1 Innovation for the manufacturing industry - Green Automotive: Reuse and recycling of lithium batteries for the automotive sector in a scenario of circular economy</p> <p>ECO-2 Innovation for the manufacturing industry - Green Automotive: Implementation of recyclable thermoplastic multifunctional composites using forming and molding techniques</p> <p>ECO-3 Innovation for the manufacturing industry - Green Automotive: new materials and new technologies</p> <p>ECO-4 Innovation for the manufacturing industry - Industry 4.0: quality of the production process</p> <p>ECO-5 Innovation for the manufacturing industry - Digital Automotive: new technologies for material handling to increase the operator safety</p> <p>ECO-6 Innovation for the manufacturing industry - Smart and safe vehicles: modeling and simulation for products/process</p> |
| Grant subjects "SoBigData.it" from the funds of the public notice for the presentation of project proposals for "Reinforcement and creation of research infrastructures" | <p>1 grant aimed at carrying out research concerning:</p> <p>SoBigData-1 Accountability vs. Liability in Data Protection Legal Models</p> |
| Duration | 3 years |
| Curricula | <p>a. Chemical and Materials Engineering</p> <p>b. Electrical Engineering, Electronics and Information</p> <p>c. Mechanical, Energy and Management Engineering</p> <p>d. Legal and Business Sciences</p> |
| University Department Responsible for the Ph.D. Course | Department of Industrial and Information Engineering and Economics |
| Ph.D. Course Website | http://diie.univaq.it/index.php?id=2613 |
| Ph.D. Course Coordinator | <p><i>Prof. Giuseppe Ferri</i></p> <p>giuseppe.ferri@univaq.it</p> |
| Admission Pre-requisites | All Master-level Degrees or foreign degrees with certified equivalency or recognized as equivalent to the aforementioned qualifications. |



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| | Within the deadline indicated in this call for applications, candidates who are expected to obtain the above mentioned Degrees by no later than the enrollment, and before the Ph.D. programme's start date may also apply. |
| Admission Procedure | Qualification assessment and oral exam. Candidates take the oral exam via web ((Skype, University Teams platform and similar r). In the application form, the candidate must indicate a valid contact address. The testing commission will certify the identity of the candidate, to this end the candidate shall be required to show a valid identification document with recent photo, during the oral exam. Foreign applicants may sit the oral exam in English. |
| Examination topics | The topics which will be considered for the examination are those typical of the Chemical and Materials Engineering, Electrical and Electronics Engineering, Information Engineering, Mechanical, Energy and Management Engineering and those of the legal, business and economical sciences according to all the curricula of the Ph.D. Themes will be specific as well as general, making reference to the most important and relevant aspects of the cited engineering courses and legal and economical ones as well as to aspects which could be considered multi-disciplinar. Themes concerning common methodologies related to research and to the relationships to social and economical aspects could be considered as well. |
| How to apply | The application must be submitted only via the online procedure available at: https://pica.cineca.it/univaq/dott38diie The documents must be attached in pdf format. The application and the attached documents are submitted automatically by closing the online procedure. So, no hard copy of the application and of the documents must be sent to the office. |
| Documents to be annexed to the Application | <ol style="list-style-type: none"> CV Candidates holding a degree from an Italian university must provide: <ul style="list-style-type: none"> Self-certification concerning their Bachelor-level Degree indicating final mark and list of exams taken and marks obtained; Self-certification concerning their Master-level Degree course indicating final mark and list of exams taken and marks obtained. Candidates enrolled in an Italian Degree Course must include: <ul style="list-style-type: none"> Self-certification concerning their Bachelor-level Degree indicating final mark and list of exams taken and marks obtained; Self-certification concerning the exams so far taken in their Master-level Degree course indicating marks obtained. Applicants with foreign Degrees must follow the directions explained in article n. 2 of this call. The candidate must indicate the name of one or two professors with their e-mail address. The referee will receive an e-mail with the instruction to write the recommendation letter directly on line. Scientific publications and/or other qualifications deemed suitable for assessment. Summary, max.2 pages, of the candidate's Degree thesis. |
| Language(s) | <p>Assessment of foreign language skills English language skills and competence shall be assessed during the oral exam</p> <p>Admission The candidate may sit the exams in ENGLISH</p> |
| Exam Schedules | <p>Qualification assessment: OCTOBER 7, 2022 at 09:00 a.m.</p> <p>Oral exam: OCTOBER 11, 2022 at 09:00 a.m. Candidates take the oral exam via web.</p> |
| Assessment Criteria | The examination procedure consists in two phases: qualifications evaluated and an oral exam. The candidate's score shall be expressed out of a total of 100 points attributed as follows: |



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| | <ol style="list-style-type: none">1. Qualification evaluation: Max. 50/100 points attributed through assessment of the candidate's CV, letters of recommendation and other qualifications. The minimum score required for admission to sit the oral exam is 30/100.2. Oral exam: Max. 50/100, with a 30/100 passing mark. The oral exam aims at assessing the candidate's aptitude for scientific research, his/her interest in industrial research and general knowledge of topics and issues pertinent to the Ph.D course. The oral exam will also include assessment of the applicant's English language skills. Foreign applicants may sit the oral exam in English. The minimum score needed to pass is 30 over a max. of 50 points for the oral exam. The results of the oral exam will be published on the Department. |
| Title evaluation results publication | Title evaluation results shall be published on the University website https://www.univaq.it/en/section.php?id=2163 and on Department website. |