DOCTORATE PROGRAM IN

INDUSTRIAL INNOVATION

INDUSTRY COLLABORATION
The Doctorate Program in Industrial Innovation aims at the application of a series of enabling technologies to industrial domains to create innovation in accordance with the Industry 4.0 strategic approach.

The ultimate goal of the Program is to train highly-qualified professionals with diverse scientific, technical and soft skills, who will contribute to the solution of the challenges posed by the industry.
DOCTORATE PROGRAM IN INDUSTRIAL INNOVATION

ADVANTAGES

Companies

- **Talent access:** Professionals able to respond to companies’ innovation needs through research and precompetitive development

- **Knowledge access:** Opportunity to collaborate with international level first-class research groups exploiting advanced research outcomes

Research centers

- **Disruptive innovations:** Opportunity to work in research topics with high innovation potential

- **Knowledge transfer:** Opportunity to experiment the impact and applicability of research in real-world contexts
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COLLABORATION MODES

PhD Executive

To value an employee and improve his/her technical and innovative contribution within the company

The Employee maintains his status within the company

Requirement: The Employee must be involved in high-qualification activities

Scholarship

To collaborate with top researchers to support the companies’ innovation activities

Up to 18 months of internship in the company during the PhD program

Activation of a PhD scholarship in collaboration with UNITN/FBK
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KICKING OFF THE COLLABORATION

Definition of a research project

Project is built on the problem(s) the company wishes to solve

Call for PhD candidates

Candidate selection

The company is deeply involved in the selection process
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TIMELINE OF THE PHD PROGRAM

Year 1
- Coursework
- Research plan submission

Admission to 2°:
- ≥ 12 CFU
- Research plan approval
- Approval by academic advisor and industrial tutor

Year 2
- Coursework
- ≥ 6 months internship in industry
- Progress report submission

Admission to 3°:
- 21 CFU
- Progress report approval
- Approval by academic advisor and industrial tutor

Year 3
- Research work

Admission to FE:
- ≥ 2 (industrial-oriented) indexed publications (patent applications may be considered)
- Positive assessment by academic advisor and industrial tutor

Final Exam

PhD Degree
Definition of training goals

Multidisciplinary and customizable learning process according to the company’s priority

Project management

Flexible plan established by both parties
DOCTORATE PROGRAM IN INDUSTRIAL INNOVATION
MULTIDISCIPLINARY TRAINING COURSES

Training packages

Technical & Scientific courses

Soft skills & Innovation & Entrepreneurship courses
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TOTAL PhD POSITION COST FOR 3 YEARS

SCHOLARSHIP

- € 6,000 Scholarship
- € 9,000 Management fees
- € 4,887 PhD student personal research budget

Total: € 71,168.16

PHD EXECUTIVE

- € 9,000 Management fees

Total: € 9,000

The financial conditions of the employment contract are defined directly between the company and the applicant.
Doctorate Program in Industrial Innovation

Achievements

Call for Applications

Cycle 36 – 2020/2021
- Scholarships: 12
- PhD Executive: 9
- Applications: 100
- Finalized applications: 48
- Enrolled students: 15

Cycle 37 – 2021/2022
- Scholarships: 11
- PhD Executive: 9
- Applications: 108
- Finalized applications: 43
- Enrolled students: 16
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ACTIVE INDUSTRIAL PARTNERS
DOCTORATE PROGRAM IN INDUSTRIAL INNOVATION

CONTACTS

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