

Training offer – Doctorate in Industrial Engineering

There are intense activities in common between several PhD courses, linguistic and IT specialization, as well as in the field of research management and knowledge of European and international research systems, the exploitation of research results and intellectual property. These activities are carried out and coordinated mainly by the Doctoral School in Engineering and Architecture, which is part of the PhD program in Industrial Engineering.

Linguistics

In the first years of activity, the PhD students in Industrial Engineering must follow a special English language course, managed by the University Linguistic Center. Candidates must pass an entrance exam and a final exam organized by specialized personnel. Seminars are planned to facilitate doctoral candidates to present scientific papers at international Congresses and journals.

Computer technology

In the first years of activity, the PhD students in Industrial Engineering must follow a course on the use of calculation programs, managed by professors of the Doctorate School in Engineering and Architecture. All PhD students in their research activities must show strong IT skills and must use specific calculation codes to analyze technical and scientific problems.

Management of research, knowledge of research systems and funding systems

During the training course some seminar cycles are held dedicated to the management of research, knowledge of research systems and national and European funding systems.

Valorisation of research results and intellectual property

During the training course some seminar cycles are carried out dedicated to the exploitation of research results and intellectual property, illustrating patent issues.

Seminars – a.a. 2017/2018

21-25 May 2018, “**NONLINEAR COMPUTATIONAL SOLID & STRUCTURAL MECHANICS**” (Palazzo Vistarino in via sant’Ennodio, 26, Pavia) – www.unipv.it/compmech/nl18_home.html

14 December 2017, “**Introduzione agli strumenti e ai metodi della ricerca scientifica**” (14:30, aula A Plesso delle Scienze, Campus Universitario, Parma).

Following dates:

11, 18, 25 January 14:30-16:30

1, 8, 15, 22 February ore 14:30-16:30

9 November 2017, “**Anticorruzione, codice etico, codice di comportamento, profili di responsabilità e tutela dei docenti**” (Aula Congressi plesso Q02, Campus Universitario, Parma)

4 October 2017, “**Relationship between nonlinear damping and viscoelasticity**”, Prof. Marco Amabili (Aula B3 Sede Scientifica di Ingegneria, ore 14:00)

3 October 2017, “**What yields high-performance CNT materials?**”, Prof. Ing. Matteo Pasquali (Centro Congressi Santa Elisabetta, ore 11:00)

25-29 September 2017, “**Predictive Analytics using RapidMiner**”, Prof. Gernot Heinsenber (aula C, Plesso Polifunzionale di Bioscienze, Campus Universitario, Parma)