# PhD NEWSLETTER



POLITECNICO

**MILANO 1863** 



#### PRODUCTS AND SERVICES AT SPECIAL CONDITIONS

The magic of cinema at discounted prices

Thanks to the agreement with cinema Anteo you will have a discount on tickets and Tessera Amici del Cinema.

You'll just have to show your university badge at the ticket office.is waiting for you

 $\bigcirc$ 



# XI INDAGINE ADI SU DOTTORATO: PSICOPATOLOGIA DEL DOTTORATO DI RICERCA

The 11th Survey on the working conditions and mental health of doctoral research, conducted by ADI was presented at the Camera dei Deputati in Rome.

## **STARTING COURSES – PHD SCHOOL**

#### ETHICAL ASPECTS OF RESEARCH ON DUAL-USE TECHNOLOGIES Prof. Masarati Pierangelo

The purpose of the course is to introduce ethical issues, with specific reference to research on dual-use technologies in general, focusing on - and with examples from - aerospace engineering but with a broader view, and challenge the capability of students to identify potential ethical issues in their activity and develop personal strategies to address them.

From 7 to 9 February 2024

#### **ETHICS IN RESEARCH**

#### Prof. Aliverti Andrea, Prof. Hughes Jonathan

The aim of the course is to make participants a) fully aware on how scientific and technological research have ethical implications; b) to identify ethical issues in specific research cases and procedures; c) to understand how the adherence to ethics standards is essential not only for respecting ethical values and fundamental rights, but also increase quality and likely impact of research.

From 5 to 9 February 2024

#### **PROJECT MANAGEMENT BASICS**

#### Prof. Fuggetta Alfonso, Prof. Beffani Armando, Prof. Grilli Colombo Sara

Develop Project Management competencies and provide basic tools and techniques for Project Management activities

From 1 February to 7 March 2024

#### SCIENTIFIC MODELS: CONCEPTUAL FOUNDATIONS AND PHILOSOPHICAL ISSUES Prof. El Skaf Rawad

The course aims at exploring the conceptual foundations of scientific models. Specifically, it deals with philosophical issues concerning the construction and use of models in various scientific disciplines as well as in engineering, architecture and design.

From 15 February to 30 June 2024

### TEACHING METHODOLOGIES, STRATEGIES AND STYLES

#### Prof. Sancassani Susanna

The main objective is to enable students to create effective course design, consistent assessment strategies and to apply valid classroom management strategies.

From 1 February to 21 March 2024

#### THE COPERNICUS GREEN REVOLUTION FOR SUSTAINABLE DEVELOPMENT Prof. Cuca Branka, Prof. Brovelli Maria Antonia, Prof. Gianinetto Marco, Prof. Monti-Guarnieri Andrea Virgilio, Prof. Oxoli Daniele

Our planet is undergoing unprecedented climate change, and the Green Deal is the EU's reply to this challenge. Copernicus space data are part of the EU's strategy for sustainable development (SDGs) in Europe towards a more resilient society. However, new problem-solving expertise and soft skills are needed to unlock this European revolution's full potentials. This transdisciplinary doctoral course introduces the next generation of European professionals and researchers to Copernicus potentialities in many different fields. Becoming a leader in new value-added services and products for the citizens is fundamental for building a more green, resilient and inclusive society.

From 1 February to 30 June 2024



## PHD IN MATHEMATICAL MODELS AND METHODS IN ENGINEERING

**STARTING COURSES – DOCTORAL PROGRAMMES** 

#### FLUID AND FLOW STRUCTURE INTERACTIONS

**Prof. Justin T. Webster** 

Modeling, well-posedness, and qualitative analysis of several fluid/flow-structure interactions in application.

From 1st March 2024