



## **CALLS AND EVENTS**



**POLITECNICO**  
MILANO 1863

### **PHD IN INFORMATION TECHNOLOGY - COLLOQUIA DOCTORALIA 2022**

On Friday November 25, 2022 the Colloquia Doctoralia of the PhD program in Information Technology will be held in the Emilio Gatti Conference Room at the Department of Electronics, Information and Bioengineering of the Politecnico di Milano.

Register [here](#) to attend the event.

25<sup>th</sup> November – Department of Electronics, Information and Bioengineering



## **SEMINARS AND WORKSHOPS**



### **WORKSHOP: OPTICAL MONITORING OF MICROVASCULAR HEALTH IN THE INTENSIVE CARE & BEYOND: SMART PHOTONIC DEVICES FOR MONITORING HEMODYNAMICS AND OXYGEN METABOLISM.**

The two-day event will mainly focus on optical monitoring tools and intensive care, in particular on how smart photonic devices can provide useful information about the microvascular health of the patients in intensive care units, by monitoring their hemodynamics and oxygen metabolism. It will seek to gather not only medical optical specialists which work on developing this technology, but also clinicians and medical staff which will be the end-users of such technology.

10-11<sup>th</sup> November 2022



## **STARTING COURSES – DOCTORAL PROGRAMMES**

### **PHD IN INFORMATION TECHNOLOGY**

#### **NUMERICAL METHODS FOR ELECTROMAGNETICS**

**Prof. Gian Guido Gentili**

The course is aimed to provide detailed views of the most important numerical methods for electromagnetics: the method of moments and the finite element method. The purpose of the course is to discuss the main features and potentials of each method and to provide a rather deep insight in both. This can form a very good basis to the correct and efficient use of available commercial software, but also to develop own application specific codes. Both aspects will be taken into account in the course.

Nov. 28, 2022 - Feb. 6, 2023

