



CALLS AND EVENTS



FULBRIGHT STUDY AND RESEARCH OPPORTUNITIES IN THE U.S.

Presentation of study and research opportunities in the U.S. offered by the Fulbright Commission, a binational body jointly established by the Italian and U.S. governments.

The first part of the meeting will present the U.S. academic system, in particular graduate opportunities (Masters and Doctorates) for undergraduate students (Bachelor or Master). How to identify the right course, timing and requirements for sending applications, entry visas and the possibility of financial support will be explained.

The second part focus exclusively to Fulbright scholarships for research in the US, illustrating the various types of competitions and the requirements for participation in the calls for applications.

A Q&A session will follow the presentations.

The event will be held on **March 16** in virtual mode according to the following schedule:

13.15-14.45 Presentation for students (Master/Doctorate courses)

15.15-16.15 Presentation for PhD students, fellows, researchers

It will be possible to access the event by clicking on the following links:

[Scholarships](#)

[Research grants](#)

Please register by using the [dedicated form](#) by March 15, 12.00 CET

Please note that each event allows max. 100 participants. The recording of the event will be provided by email to those who will not able to access the event, but will still have completed the form.

Deadline for applications: March 15, 12.00 CET



WORKING AS CLIMATE CHANGE EXPERT AT THE UNITED NATIONS

CAREER PATHS FOR PhDs

WORKING AS CLIMATE CHANGE EXPERT AT THE UNITED NATIONS

4th March at 3.00 p.m.

To register click [this link](#)

To access our webinar click [this link](#)

The webinar will provide an overview of the job opportunities for young professionals hoping to get their foot in the door at the UN.

The speaker, starting from his experience, will explain to you what are the most important skills needed to get a job at the UN, what it is like to work for the United Nations.

Prepare smart questions to ask during the webinar.

4th March at 3.00 p.m.





LAUNCHING THE FUTURE - UNIVERSITY OF TECHNOLOGY IN THE LIGHT OF THE COVID PANDEMIC

ENHANCE - The European Universities of Technology Alliance invites you to its first ENHANCE community event on 12th March 2021. ENHANCE is a new alliance of Politecnico di Milano, Chalmers University of Technology, Norwegian University of Science and Technology, RWTH Aachen, TU Berlin, Universitat Politècnica de Valencia and Warsaw University of Technology.

ENHANCE, funded under the ERASMUS+ programme for European Universities, was established to promote responsible technological and social transformation. It aims to share skills, resources, and infrastructures in a European campus free of any physical, administrative, or educational barriers.

We want to empower people to develop and use science and technology for the benefit of society. Together, we aim to turn global challenges into opportunities. Our societies are undergoing a big challenge right now – we want to reflect together on what this will mean for our universities and their role in society:

How is the pandemic amplifying trends and transformations of society, in research and education? What advantages and opportunities exist? Which challenges are more easily solved at the European level? Will we all grow tired of distance or will universities become more digital than ever before? What does that mean for life on campus? How will we work in university administration, research and education in the future?

We take great pleasure in inviting students, faculty and staff of the seven ENHANCE Universities and the ENHANCE associate partners to our first digital event “Launching the future” on 12th March 2021.

The registration form and the programme of the event are available on [ENHANCE website](#)

12 March 2021 at 9.30 // Digital event



PREPARE YOUR POSTDOC - POSTDOCTORAL FUNDING SCHEMES - THE ROYAL SOCIETY

Webinar providing information about postdoctoral fellowships.

We are very pleased to welcome Marianna D'Arco, PhD, senior manager, Royal Society. She will give you an overview of funding schemes for postdoctoral fellowships made available to early career researchers by the Royal Society and the support given to overseas scientists. She will also explain how to make a grant application.

[Registration link](#)

[Access link](#) (webinar), Cisco Webex

[Flyer](#) (pdf)

Mobility forces you to step outside your comfort zone and enables you to develop intercultural skills. International experience brings you closer to other cultures and ideas and creates opportunities for growth and development.

Participating in international cooperation and exchange programs is always strongly recommended to young researchers.

Prepare smart questions for our "special guest" who is very experienced in the field of postdoctoral funding schemes etc.

11th March 2021, 15.00-16.30





SEMINARS AND WORKSHOPS



WEBINAR CYCLE ON EXPERIENCES, MODELS AND TOOLS FOR SUSTAINABLE DEVELOPMENT: TOOLS FOR BEHAVIORAL CHANGE

Tools for behavioral change

Speakers: Irene Vegetti (Poliedra), Maria Brovelli (DICA), Giuseppe Andreoni (DE-SIGN), Silvia Pezzoli (Poliedra), Donatella Sciuto (DEIB)

Subscribe at www.poliedra.polimi.it/webinar-behavioral-change

This webinar is centred on the launching of an online catalogue which will allow to explore experiences and competences developed within Polytechnic, supporting behavioral change with a view to sustainability. The first release of this catalogue is populated with a selection of cases for which we will invite everybody to integrate and update in the future.

Wednesday February 17th 2021, from 2,00 PM to 2,30 PM



EUMOS - EUROPEAN MEETING IN OPTICAL SENSING

European online conference on Optical Sensing, organized by different PhD student associations all around Europe. There will be several expert speakers, poster presentation and a final quiz game!

23rd March 2021



OTHER NEWS



PLACEMENT PROGRAM FOR PHDS

The Placement Program for PhDs is a service aimed at helping you to approach the Italian and the International job market in a very constructive way. You will have the chance to identify the sector and the companies exactly in line with your profile, work on your CV to make it unique and talk to company managers to have a useful feedback that allows you to be even more competitive.

You will also have the opportunity to do a mock interview to be prepared at best to face a real one!

The Placement Program is available during the whole academic year!

To get more information and to register for this initiative please visit the [dedicated page on the Career Service website](#)

We are also glad to let you know that the Career Service is now on Instagram, in the profile you will find information on their initiatives and tips you might need to consider. To follow: [CareerServicePolimi](#)





STARTING COURSES – PHD SCHOOL

IL PENSIERO INVENTIVO: TEORIE E PRATICHE

Prof. Zingale Salvatore

Scopo del corso è riflettere sui processi mentali che portano all'elaborazione delle nuove idee, specie nel campo dell'innovazione di artefatti e sistemi. Saranno prese in considerazione le operazioni sia di carattere logico e interpretativo, sia le condizioni cognitive che favoriscono l'inventiva progettuale.

8 March 2021 - 24 May 2021



POWER OF IMAGES AND VISUAL LANGUAGE FOR ACADEMIC KNOWLEDGE DISSEMINATION AND PUBLIC ENGAGEMENT

Prof. Iarossi Maria Pompeiana, Prof. Bollini Letizia

The course aims to provide sparks for critical reflection and operational tools for an improvement of the effectiveness of visual language in academic context, both if the image is a support and an integration to a written text (as in a scientific article) and in case of oral presentations in scientific or public forums. (as a ppt for a conference).

1 March 2021 - 29 March 2021



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

3 March 2021 - 18 March 2021



SCIENTIFIC COMMUNICATION IN ENGLISH

Prof. Biscari Paolo, Prof. Sluckin Timothy Jan

The aim of the course is to develop and improve the candidates' scientific writing, as well as increase their ability to deliver scientific and technical presentations in English.

15 March 2021 - 31 March 2021



STARTING COURSES – DOCTORAL PROGRAMMES

PHD IN MECHANICAL ENGINEERING

METHODS FOR HEALTH MONITORING AND PROGNOSIS OF ENGINEERING SYSTEMS SUBJECT TO DEGRADATION

Prof. Claudio Sbarufatti

This course introduces different methods for the analysis of real-time data aiming the diagnosis and prognosis of systems subject to degradation in a realistic environment, including (i) outlier analysis for novelty detection, (ii) data normalisation for suppression of confounding influences, (iii) machine learning for diagnosis and surrogate modelling, (iv) sequential Monte-Carlo methods for state identification and prognosis.

March 22nd 2021





PHD IN INFORMATION TECHNOLOGY

APPLIED QUANTUM MACHINE LEARNING

Prof. Paolo Cremonesi

The pace of development in quantum computing reflects the recent advances in machine learning and artificial intelligence. It is natural to wonder how quantum technologies can be used to boost machine learning algorithms: this field of research is called quantum machine learning. The objective of the course is to outline, from both a theoretical and applied perspective, what benefits current and near-future quantum technologies may bring to machine learning.

Mar 15-Apr 2, 2021



SYNTHESIS AND DESIGN TECHNIQUES FOR RF FILTERS

Prof. Giuseppe Macchiarella

The course is aimed to provide a solid background in the synthesis and design techniques for electrical filters used at high frequencies (above 1 GHz), using distributed implementations. At the end of the course the student will be able to approach the synthesis of a wide class of narrowband filters.

Mar 1-19, 2021

