



COVID PHASE 2

by *Paolo Biscari*

Dear Candidates

Our April Newsletter has been just one among the unfortunately very many activities we all have been forced to cancel/delay in these past difficult months, in which we have been called to join our forces against the spreading of the Coronavirus pandemics.

Since Monday May 4th we have joined the "Phase 2" of our strategy. In compliance with the National and local regulations, we have implemented a partial opening of the research activities that we were forced to close for weeks. A "Plan for Mitigation of Contagion" has been prepared, defining the procedures to access and carry out the working activities safely on the premises of the University. Please refer to the communications from your Department Head and your Department Manager for the details of how the Plan will be implemented in your Department/Lab.

In case of need, please remember that despite the health emergency and the restrictions in place, the PoliPsi Service is always working. PoliPsi is the Counselling and Psychological and Psychotherapeutic Support Service for students and for PhD students at the Politecnico di Milano. In the past weeks, the PoliPsi emergency service has been activated, which provides for a free-of-charge session with a psychologist or psychotherapist. PhD candidates who wish to request this service may contact PoliPsi by email to polipsi@polimi.it specifying in the Subject of the email: "Request for one emergency session". For further information please visit the [Polipsi website](#)



CALLS AND EVENTS



PHD POSITION: DESIGN, THEORETICAL AND EXPERIMENTAL CHARACTERISATION OF ELLIPSOMETRIC LIDAR (ELIDAR)

Prof. Sergey Sergeyev

In the context of the MSCA action MEFISTA we are searching for a candidate for the ESR4 project (see website), for a PhD position at Aston University (UK).

Deadline: 31st May 2020



POLIMI4SDGS – SECOND INVITATION: THE SECOND MAPPING INITIATIVE OF THE SUSTAINABLE DEVELOPMENT GOALS AT THE POLITECNICO DI MILANO

Following the first invitation on April 7th we would like to thank all those who have already answered (over a hundred), allowing us to gather valuable information about the skills currently present within our community, in relation to the 17 Sustainable Development Goals (SDGs) promoted by the UN 2030 Agenda.

The purpose of this mapping is making the Politecnico skills visible within our community, enabling to explore synergies and any complementarities between the up-running activities, or recognizing those SDGs that are scarcely or not covered at all (as shown in the graphs below). A clear picture of our expertise in relation to the issues of SDGs is now emerging.

We therefore invite those who have not yet had the possibility to contribute to the current mapping to filling in - by May 15th - the short form – with active courses, research and institutional projects, whether they have already been completed or in progress, linked to the SDGs.

The results of this second mapping campaign will be announced through an online event.

Contribute and spread the Call among your colleagues!

For requests for clarification on the initiative and on the survey, you can contact: campus.sostenibile@polimi.it

[LINK TO THE MAPPING POLIMI4SDGs](#)

Deadline: 15th May 2020





SEMINARS AND WORKSHOPS

LAKE COMO SCHOOL
OF ADVANCED STUDIES



GOING CIRCULAR WITH CRITICAL RAW MATERIALS / POSTPONED TO SUMMER 2021

The spread of the Coronavirus COVID-19 has led to the decision to postpone the Summer School "Going Circular with Critical Raw Materials" from July 2020 to Summer 2021. The new dates will be announced soon on the School website.

Summer 2021, Como



EURAXESS ITALY / WEBINAR "THE CORE COMPETENCIES OF PHDS"

Within the actions organized by the Italian EURAXESS network funded by the European Project "Book the trainer scheme", Dr. Lucia Salto, expert trainer in Career Development of the Università di Torino, will held the webinar "THE CORE COMPETENCIES OF PHDs AND THEIR EMPLOYABILITY: how to help doctoral students prepare their next professional step in non-academic contexts".

The seminar will be held on Monday 11 May 2020 from 11:00 to 12:30.

To participate please contact mobility@areasciencepark.it

Monday 11 May 2020 from 11:00 to 12:30



STARTING COURSES – PHD SCHOOL

DISSEMINARE LA RICERCA

Prof. Paganoni Anna Maria

- Analisi di uno o più testi di teatro scientifico ("Vita di Galileo" di Bertolt Brecht, "Infinities" di John D.Barrow, "Professor Bernhardt" di Arthur Schnitzler, - Analisi di uni o più testi sulla ricerca scientifica ("Arcadia" di Tom Stoppard, "Copenhagen" di Michael Frayn,...) - Tecniche di visualizzazione dei dati nella comunicazione Scientifica - Esempi di come disseminare il risultati di Big Data analisi."

From 1st May 2020



EXPLORING PUBLIC DEBATES SURROUNDING ACADEMIC TOPICS THROUGH DATA DRIVEN APPROACHES

Prof. Mauri Michele, Colombo Gabriele

The goal of the course is to make students aware of the context of their research issue and of the network of actors that shape it. Students will get a deeper knowledge of the conversations around their research topic and they will be able to identify the actors that have to be engaged in order to have an impact.

From 14th May 2020



INNOVATIVE TEACHING SKILLS

Prof. Giulio Magli

The course objective is to stimulate the participants' awareness of the complexity of the learning/teaching processes, while providing hints and tools for an innovative design and management of the learning experiences.

From 5th May 2020





TECHNOLOGY & SOCIETY

Prof. Crabu Stefano

The mission of this course is to offer to Ph.D. students awareness of the societal and political impact of new emerging technologies. By adopting a "critical thinking" sensitivity, the course will develop practical skills able to face the challenges of everyday technological innovation activities. Moreover, the course will present actionable tools for the responsible management of the societal impact of technological research projects.

From 8th May 2020



USER CENTRED INNOVATION

Prof. Rizzo Francesca

The core objectives of the course are: - to introduce a theoretical framework of the User Centred Innovation (UCI) principles; - to show diverse perspectives and fields of application of UCI; - to illustrate how UCI relates with other innovation paradigms; - to illustrate how UCI supports academic and non-academic research.

From 4th May 2020



STARTING COURSES – DOCTORAL PROGRAMMES

PHD IN INFORMATION TECHNOLOGY

DATA AND RESULTS VISUALIZATION

Prof. Daniele Loiacono

Data visualization is an extensive topic at the intersection of several areas, such as statistics, data mining, cognitive science, and communication design. Our mission is to provide a compact introduction to the field to anyone who needs to communicate something to someone using data. The goal of the course is to provide the students with the knowledge, skills and resources required to make sense of data, design effective visualizations, and tell stories from data.

From 19th May 2020, Via Teams



ONLINE LEARNING AND MONITORING

Prof. Giacomo Boracchi

This course provides an overview of Machine Learning (ML) methods that are meant for streaming data and that force the learner to operate in an online or incremental manner. These settings are often encountered in real-world applications, e.g., to select sponsored links for Internet advertising, or to detect frauds in credit card transaction. The online setting poses relevant challenges to classical data-driven solutions since i) the model has to integrate new pieces of information as soon as they become available, ii) the learning algorithm has to adapt to the current operating conditions, iii) the learning algorithms have to be computationally efficient, to be executed in real-time.

From 6th May 2020, via Teams



ORGANIC ELECTRONICS: PRINCIPLES, DEVICES AND APPLICATIONS

Prof. Dario Natali

The course aims at providing the scientific and technological background of this emerging field. The state of the art concerning both research findings and industrial realizations will be presented, as detailed in the following. The course will give to the participants a critical assessment of the development so far, of actual bottlenecks and future opportunities for organic and printed electronics.

From 11th May 2020, via Teams

