



## PHD GRADUATION DAY – CONFERRAL OF DOCTORAL DEGREES – MAY 15<sup>TH</sup>

We had a special meeting, two weeks ago.

Few hundred of Polimi's Candidates listened to our Dean and four special guests (one even singing a short song!), the Rector's delegate consecrated them as "Doctors of Philosophy" and, thanks to a kind weather, we all had the chance for some pictures outside, a light lunch and few toasts.

It resulted a PhD-pride event, that rainy, cold day.

Tightly sitting in a warm *Aula De Donato*, all the speakers, the Dean *Paolo Biscari*, *Salvatore Settis*, one of our (italian) most internationally known archaeologist and art historian, *Enrico Zio*, the President of our Alumni Association, and two PhD holders, *Vincenzo Manzoni* (Information Technology) and *Elvina Finzi* (Radiation Science and Technology), all these speakers spent sincere words about the great values (and the fears, and the pains too!) of a PhD training endeavour.

We will go back to their lessons, in the next newsletters.

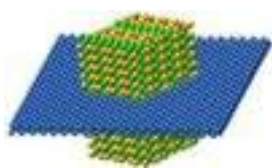
For now, **MANY COMPLIMENTS, Polimi's PhD holders!!!**





## CALL AND EVENTS

### IDEA LEAGUE DOCTORAL SCHOOL: ADVANCED ATOMIC SCALE CHARACTERISATION



*IDEA League* issues a call for participation to AASC'18 a new Doctoral School about the atomic scale structure of advanced materials: a prerequisite for improving their properties and their behaviour in technological applications in a broad range of disciplines, in particular in the framework of the recent concepts on 'integrated computational materials engineering' (ICME).

The school will visit all five IDEA League campuses. Lectures are scheduled in Aachen (23-26 Sept 2018), Delft (27-28 Sept 2018), ETH Zurich (26-30 Nov 2018), Chalmers (May 2019) and Politecnico di Milano (June 2019). IDEA League grants cover: registration fee, living and dining expenses of all accepted participants. Only travel expenses remain outside the grant (but can be covered with the usual procedures applicable to all workshops and schools).

Deadline for applications: 30<sup>th</sup> June 2018



### UNICATT SUMMER SCHOOL TRANSKILLS. STRATEGIC SKILLS FOR YOUNG RESEARCHERS

The doctoral School of Università Cattolica (Milano) is organizing a summer school focusing on those (transferable) skills «that employers both inside and outside academia are looking for».

Its cost (€ 488,00) includes the accommodation costs at [Villa Vigoni](#) (CO), June 12-15, 2018.

Deadline for admissions: 5 June 2018.

From June 12<sup>th</sup> to June 15<sup>th</sup>, Loveno di Menaggio (CO)



### SSWM2018 – SUMMER SCHOOL ON WORKPLACE MANAGEMENT

*Workplace Management* is an interdisciplinary area of research and work. This 2-weeks Summer School includes *theoretical lessons* (workplace evolution in recent years, in terms of spatial/architectural features, and corporate strategies), *field exploration* (three actual workplaces in Milan), and practical workshop (workplace change briefing with clients). Participants will build up interdisciplinary teams and develop a studio-like project. The registration fee includes a day-trip to Venice to the 16th International Architecture Exhibition. The course is organized in partnership with Cornell University and A2A Spa that will actively participate to the classes.

From 9 to 20 July 2018



### SUMMER SCHOOL: MICRO AND OPTICAL TECHNOLOGIES IN BIOMEDICAL SCIENCE

The school is co-organized by EPFL and ETHZ. Academic researchers and industry engineers will give talks about their activities in several fields of biomedical technologies. Project sessions and an industry workshop will also give the students the opportunity to practice in group on specific technical topics.

Social activities and poster sessions will complete the program and favor informal interaction. More information are available in the [website](#) and in the [Facebook page](#).

From 9th to 14th September 2018, Fiesch (Switzerland)



### ADVANCED SCHOOL ON THEORIES AND APPLICATIONS OF LIQUID CRYSTALS

There is no registration fee. Participants are required to register sending an email.

For a limited number of young participants, who are interested in presenting a poster, the organization can provide some financial support to cover accommodation and lunches. To apply for financial support, please send a request in the registration email by June, 7<sup>th</sup>. See the [detailed program](#).

From September 3<sup>rd</sup> to 7<sup>th</sup>, Naples





## INDUSTRIAL PROBLEM SOLVING WITH PHYSICS (IPSP) 2018

The scope of IPSP is to promote the role of the researchers, particularly physicists, and to strengthen the collaboration between research and companies by offering to PhD students and young researchers all around Italy a one-week full of challenges and problems proposed by the companies. All the participants coming from outside Trento will receive a free accommodation. The application deadline is June 20, 2018 (you may find the official call also [here](#))

From July 16<sup>th</sup> to 21<sup>st</sup>, Department of Physics, University of Trento



## CENTRALESUPÉLEC SUMMER SCHOOL IN ARTIFICIAL INTELLIGENCE

CentraleSupélec offers a 2-week intensive *Engineering Summer School on Artificial Intelligence* that will be held from July 1st to 13th at Paris-Saclay campus. The aim of this Summer School is to introduce students to Artificial Intelligence and related topics (*Machine Learning, Machine Learning for Medical Sciences, Computer Vision* and *Learning in Networks*) as well as to give them a unique opportunity to discover Paris and French culture (several cultural visits are planned). The Tuition fee is €1,800 (accommodation included)

From July 1<sup>st</sup> to 13<sup>th</sup>, Paris-Saclay campus



## ZEBSS – ZERO ENERGY BUILDINGS SUMMER SCHOOL

The course (in Italian, with a support for English speaking students) deals with the topic of high efficiency and zero energy buildings and its integrated design based on dynamic energy simulation.

Polo territoriale di Mantova 27.8.2018 - 2.9.2018



## SEMINARS AND WORKSHOPS

### FATE AND REMOVAL OF MICROPOLLUTANTS IN WASTEWATER TREATMENT PLANTS

**Prof. Juan Lema / Prof. Roberto Canziani**

This 3-hour seminar will present the problem of emerging micropollutants in wastewater treatment, as well as remedial techniques

Wednesday, 13th June 2018, 10 AM – 1 PM; Aula Bianca, Building 21, 6th floor



### NOVEL APPROACH FOR SLUDGE CHARACTERIZATION: RHEOLOGICAL TESTING

**Prof. Azize Ayol / Prof. Roberto Canziani**

The new rheological analysis techniques, the different rheometers and sensors with different geometries will be talked regarding the practical applications

Friday, 6th July 2018, 10 AM – 1 PM; Aula Bianca, Building 21, 6th floor



## STARTING COURSES – PHD SCHOOL

### SCIENCE, TECHNOLOGY, SOCIETY AND WIKIPEDIA

**Prof. Guido Raos**

The course aims to provide some hand-on training in technical writing and, at the same time, to contribute to the general diffusion of scientific and technical knowledge. These will be achieved by engaging Politecnico's PhD students in the production of new material (or revision of existing one) for Wikipedia.

From June 11<sup>th</sup> to June 15<sup>th</sup>, 2018





## STARTING COURSES – DOCTORAL PROGRAMMES

### PHD IN DESIGN

RESEARCH IN DESIGN. ACADEMIC CASE HISTORIES

**Prof. Raffaella Trocchianesi**

The course aims to explore topics and approaches of the research in design through several presentations of experiences in academic research as case history. Every lecture will be focused on a specific case of theoretic or applied research in the national or international field. The thematic framework will be analyzed and, in the same time, the structure of the research, the methodology and the process from the proposal to the development and dissemination phases.

Lectures from June 25<sup>th</sup> to 29<sup>th</sup>



### PHD IN ENVIRONMENTAL AND INFRASTRUCTURE ENGINEERING

ENVIRONMENTAL REACTORS AND BIOLOGICAL PROCESSES APPLIED TO ENVIRONMENTAL-SANITARY ENGINEERING

**Prof. Roberto Canziani**

The Course will provide deep insights about reactors and processes used to remove pollutants from water and wastewater.

Lectures will start on June 11<sup>th</sup>, 2018



### PHD IN MECHANICAL ENGINEERING

NONLINEAR DYNAMICS AND SYSTEM IDENTIFICATION

**Prof. Keith Worden – University of Sheffield**

Basic introduction to nonlinear dynamics via phase-plane analysis. Techniques of nonlinear experimental analysis and nonlinear system identification.

Lectures from June 4<sup>th</sup> to 8<sup>th</sup>

