DEVELOP YOUR CAREER WITH US (PHDS)

by Research Office

Our traditional mission is to provide support to Polimi researchers. Our new mission is to train them to prepare successful applications and to obtain funds.

With this aim, in January 2015, we launched ERC Helpdesk that has supported early stage and advanced researchers to submit and win ERC grants. Now, we are extending ERC Helpdesk training activities to 3rd-year PhD Candidates. The metrics of our service is the increase in the success rate of proposals submitted and we are sure that the fresher are the forces, the best our results.

Increasing the capacity of our researchers, raising the level of your proposals, is the best and most efficient way to boost the competitiveness of the whole Politecnico di Milano.

Training must be tuned on your specific needs and the Talent Development activity offered to PhD Candidates, is organized in two phases, a first series of one-day, introductory sessions:

- Persuasive Writing
- Presenting for Impact
- How to Write a Competitive Proposal for Horizon 2020.
- Better Business Writing

and a second series of high-level training and coaching events, followed by a final visit to other European universities. The upcoming training events for the PhD School are the following:

1) Persuasive Writing – Monday, September 5th 2016
Overview: The single most important skill in any career is the ability to persuade. From the first attempts to find a job to the peak of your chosen profession, you will need to influence others. This includes: Leading a team, Applying for funding, Seeking promotion, Publishing papers, Influencing peers at conferences, and many more.

2) Presenting for Impact – Wednesday, September 7th 2016
Overview: Presenting for Impact is the third and penultimate session of the four-module training programme prepared and delivered by Trend 2000 Ltd to the students of the Politecnico di Milano Doctorate School to help them develop basic persuasion and communication skills. The programme will help students express themselves well, whether it is writing a coherent memo, conveying clear messages to present themselves, their research and its results, persuading others – such as investors or partners - with a presentation or just being able to explain to a team member what is needed from them.
Where: Both the dates will be in Campus Leonardo (Piazza Leonardo da Vinci 32), Department of Physics (Building #8), 1st floor, Red Seminar Room (“Aula Rossa”).

3) How to Write a Competitive Proposal ...
... will follow October 05th: stay tuned and write for any questions!
CALLS AND EVENTS

CONFERRAL OF HONORIS CAUSA DOCTORAL DEGREE
in Information Technology – Professor Rudolf Emil Kálmán

Politecnico di Milano is proud to announce the Conferment of the Honoris Causa Doctoral Degree of Information Technology to Rudolf Emil Kálmán, the first Honoris Causa PhD degree ever conferred by our Institution.

Beginning in the late 1950’s and early 1960’s, Rudolf Kálmán’s work led to a reformulation of filtering and control theory, with a wave of new ideas expanding well beyond this field. The Kálmán Filter is basically a virtual sensor interacting with the physical environment to carry out tasks that were impossible, or impractical, or prohibitively expensive to implement before. Astonishingly, 50 years after its discovery, there are still an exponentially increasing number of applications and scientific papers exploring novel variations which further extend its utility and applicability.

Rudolf Emil Kálmán, born in Budapest in 1930, passed away in Gainesville, Florida, on July 2nd, 2016, just a few weeks after Politecnico di Milano established to confer to him the Honoris Causa Doctoral Degree in Information Technology. The Diploma will be delivered to his widow, Ms. Constantina Stavrou.

12th September, from 14.00, Politecnico di Milano, DEIB, Main Conference Room – Campus Leonardo

MST 2016 – 2nd WORKSHOP ON MOBILE SYSTEM TECHNOLOGIES
Architectures, technology trends and memory solutions

The MST workshop series, organized by Fondazione Politecnico di Milano, is meant to bring together researchers, professionals, and industrial engineers, interested in mobile systems technologies. We will provide a comprehensive view on architecture models, technology trends and, in particular memory solutions in future smartphones, tablets, and smartwatches, whose interest is more and more growing, compared with system performance, energy, dependability, security, and functionalities.

MST 2016 keynote speakers are: Onur Mutlu - Carnegie Mellon University and Evangelos S. Eleftheriou - IBM Zurich. Other presentations, by other researchers (Politecnico di Milano (Milano-Bicocca, LIRMM, Napoli Federico II) and from industry (Micron, ARM, STMicroelectronics, Imagination Technology, Intrinsic-ID, and Secure-IC and others) will follow.

The workshop is sponsored by Micron Foundation, Polimi, AEIT/AMES, and IEEE Italy section.

23rd September, from 9.00, Politecnico di Milano, Aula Rogers - Via Ampère 2, Milano
5th TIME Doctoral School 2016 – 16-22 October

_Vulnerability, Risk and Resilience of Complex Systems and Critical infrastructures_

Beihang University (China) is hosting the Top Industrial Manager of Europe (TIME) Doctoral School 2016, from 16th to 22nd October. The course assumption is the opportunity to transfer the experience gained in preventing and managing risks in complex, critical infrastructure (energy production and other networks – water, gas, roads and railways – transportation systems ...) to company executives, project managers, operation and design engineers and everyone who might be requested to take effective and rational decision in uncertain environments.

The School will provide seminars dealing with advanced concepts, methods and tools for tackling the problem with scientific rigor and will engage the students in multi-disciplinary, multi-national (the official language is English) and multi-cultural teams, that will be charged with a research problem, requested to discuss it in self-managed sessions, to present its definition, to illustrate the research work they intend to carry out and to develop their original solutions. The teams will, then, continue their work long-distance, producing a scientific paper about the findings of their research. Once positively evaluated by the Professors of the School, papers will be submitted to the appropriate international communities of peers for publication and monitored by industrial partners.

Participation is free of charge and a partial contribution to cover participation costs may be available to 12 European PhD students (carefully budget your costs of flight, travel, visas, and medical insurance!).

_Vacancies are still available_ (deadline: Sept 16th, 2016): send your CV to gwenaelle.guillerme@centralesupelec.fr; nicola.pedroni@centralesupelec.fr and leexy@buaa.edu.cn

PhD Program in Information Technology – Colloquia Doctoralia 2016

*Prof. Andrea Bonarini/ Francesca Clemenza*

The PhD Program in Information Technology organizes the annual meeting of the Industrial Referee Board. After a short introduction about the PhD activities, two PhD students, recipients of awards, will give a talk. PhD students attending the third year of the PhD Program will present the results of their theses in a Poster Session. A panel discussion will follow.

23rd September, Conference Room of the Dipartimento di Elettronica, Informazione e Bioingegneria
STARTING COURSES – PHD SCHOOL

TRADING VALUES 4 PRESERVATION & PLANNING IN WORLD HERITAGE CITIES: AN INTERNATIONAL PHD SUMMER SCHOOL

Proff. S. Della Torre, D. Fanzini
The course, offered with the support of the Polo di Mantova, will meet many international experts dialoguing about the following hypothesis: the Agonistic Theory developed in Planning may help the recognition and sharing of heritage values, crucial for the decision-making in historic cities.
September 5th - 9th, 2016

RESEARCH IN PUBLIC AND REGULATED SECTORS

Proff. T. Agasisti, P. Garrone
The course’s aim is twofold: (i) providing basic knowledge of the public sector role in the economy, as well as (ii) discussing two major topics in the field such as the role of regulation and the problem of measuring performances of public and regulated organizations.
September 26th - 30th, 2016

OPTIMAL FILTERING AND DATA ANALYSIS

Prof. S. Bittanti
The purpose of this course is to introduce the student to the main concepts and techniques of filtering, prediction and data analysis.
September 12th - 16th, 2016
STARTING COURSES – DOCTORAL PROGRAMMES

PhD in Structural, Seismic and Geotechnical Engineering

ADVANCED STRUCTURAL DYNAMICS
Proff. F.Perotti, L.Martinelli, V.Racic
The course will deal with the effect of vibrations on structures, its measurements, analysis, modelling and mitigation, in buildings as well as in civil engineering applications.
September 6th, 13th, 20th, 27th, 2016

PhD in Architecture, Built Environment And Construction Engineering

COMPLEX CONSTRUCTIONS – Architectures for Health, Production, Service and Culture
Prof. S.Capolongo
The course aims at understanding the specific characters of the architectures for health, for production, for service and culture and presenting and their design. It is fully described here.
September 22-30th 2016

HISTORY OF CONSTRUCTION TECHNIQUES – Architectural treatises and manuals of XV-XX century
Prof. M.C.Loi
The course deals with construction techniques, their role in the definition of the space, their evolution and the dialogue between two antithetical needs, conservation and progress: the permanence of elements of continuity and the dramatic changes induced by the evolution of construction techniques.
September 26-30th 2016

The detailed Programme of each course is available from the Programmes’ Courses page, or here: 📄. For more information, i.e. about starting date and classrooms, please check the “notes” field in the Course Details (follow the icon: 📄) or send an email message to the responsible for the Course: 📧. Candidates from PoliMi PhD School must include the Course in their study plan. Others must contact the responsible for the course.
To submit information about seminar, events, and other news for publication in forthcoming newsletters, please download and fill in the following format, and E-mail it to: phd-newsletter@polimi.it