



## **PhD LIFE @DICA**

**Do you want more visibility as a PhD candidate, inside and outside the University?**

On a warm July evening, during the “**SUMMER PARTY**” for the PhD candidates of the Department of Civil and Environmental Engineering (DICA), the representatives of the two doctoral courses (IAI and ISSG) presented two projects to promote PhD candidates visibility: to create new collaborations, increase their network and share their research/work activities performed at Politecnico di Milano.

The first project is to allow PhD candidates to create their own personal webpage on the Department website (very similar to professors’ ones). This page will contain basic information on the academic curriculum, few lines about the research topic, some **hashtags** related to the research project and a list of the most recent and interesting publications.

The second project want to catch the attention of a wider audience with short (maximum 2 minutes) dynamic videos about their PhD life. The videos will be collected in a Youtube channel and published on DICA website homepage. [Watch here](#) the very first ones!

We hope that these initiatives will be a virtuous example for other PhD Programs: if you want more information, feel free to contact me by mail.

Viola Corbellini  
[viola.corbellini@polimi.it](mailto:viola.corbellini@polimi.it)





## CALLS AND EVENTS

### FREE (no charge) ITALIAN LANGUAGE COURSES FOR PhD CANDIDATES

Politecnico offers Italian Language courses for PhD Candidates either in Leonardo or Bovisa campus. The registrations is scheduled **from the 15th of October till the 5th of November 2018**: a level test on line is required. Lessons start on the 14th and the 15th of November 2018. To register, go to [www.polimi.it/onlineservices](http://www.polimi.it/onlineservices) -> Mobility -> Language courses catalogue

Registrations and level test: From 15 October to 5 November



### FLUX@JUPYTER HACKATON

The hackathon focuses on the implementation of a language kernel for Jupyter Notebook for Flux, the innovative data scripting language recently released by Influx Data. During the day the participants will interact with the involved technologies with the help of some mentors from Politecnico di Milano and Influx Data. The registration is free, but required. The registration form is [available online](#).

September 14th, 2018, 9.00 am - 6.00 pm, DEIB - Conference Room



### NOMINATIONS FOR THE METREX BERND STEINACHER FELLOWSHIP 2018-2020

The METREX Secretary General now seeks Fellowship nominations from METREX Members. Candidates will be asked to submit by email ([info@eurometrex.org](mailto:info@eurometrex.org) and in CC [tim.page@eurometrex.org](mailto:tim.page@eurometrex.org)) a one page CV supported by a two-page outline of their motivation, proposed activities and anticipate experiences over their two-year Fellowship.

Deadline: 21 September 2018



### OFFICINA\* CALL FOR ABSTRACTS

[OFFICINA\\*](#) is a cultural association, founded by three PhD holders from [IUAV](#), aiming at networking academic research with professionals and companies in the field of architecture, design and building technology. It launched a call for abstracts to be published in the 24th and 25th issues of its [magazine](#), scheduled for the first half of the year 2019. It is open to teachers, researchers, postdocs, PhD students, students and professionals, both Italians and foreigners. To participate at the call for abstract you can send your proposal as an abstract of 1,500 characters, in Italian or English.

Deadline for sending the proposals: 25 September 2018



### POSTGRADUATE SCHOLARSHIPS IN ARGENTINA FOR ITALIAN CITIZENS

The Ministry of Education of the Republic of Argentina has published the 2019 Call for scholarships for foreigners ("Extranjeros en la Argentina") and in particular for Italian graduates, to study or carry out research at National Universities in Argentina.

For more information, contact: [Ambasciata Argentina in Italia](#) and ask for the *Sezione Culturale*, Piazza dell'Esquilino 2 - (00185) Roma - Telefono: +39-06-48073300 or contact: [Casa Argentina](#), Via Veneto 7, Piso 2 - (00187) Roma - Telefono: 0039-06-4873866

Deadline: 28 September 2018



### PROGETTO ROCCA DEADLINE 1ST OCTOBER 2018 - DOCTORAL AL MIT

New call for "Rocca fellow" positions for PhD candidates from Polimi to MIT. It aims at financing in particular researchers in the areas of materials science, mechanical engineering, bioengineering and life sciences, energy, electrical engineering and computer science. Projects that focus on buildings, infrastructure and planning will be considered only if they privilege mathematical and physical modeling and the novel use of materials. All documents must be submitted electronically.

Deadline **for the Spring Semester**: 1 October 2018





## SEMINARS AND WORKSHOPS

### AMBER MEETS IRIS

*(The importance of remote sensing from Sentinel missions for monitoring and managing our river systems)*

**Prof. Kirstie Fryirs**

[Kirstie Fryirs](#) is professor of fluvial geomorphology at the [Macquarie University](#) (Sydney, Australia) and will give her KEYNOTE TALK titled: *Do we still need a human? Geomorphic analysis and interpretation of river systems in an age of emerging technology and big data* to start this workshop, whose scope is to discuss recent advances in river management and monitoring strategies: AMBER means *Adaptive Management of Barriers in European Rivers* (a H2020 project) IRIS means *Italian Research and development Initiative for Spaceborne river monitoring* a research project funded by the Italian Environmental Agency (ISPRA) under the umbrella of the ASI-ISPRA initiative “Habitat Mapping”.

September 24th, 2018 - 10.00 am - 5.30 pm; Campus Leonardo, Building 5, Castigliano Room



## STARTING COURSES – DOCTORAL PROGRAMMES

### PHD in ARCHITECTURE, BUILT ENVIRONMENT and CONSTRUCTION ENGINEERING

#### DIGITAL MAPPING AND SPATIAL DATA ANALYSIS

**Prof. Marco Scaioni**

Maps are tools to collect, organize, analyze and compare data sets. The analysis of natural, environmental, social, historical, economic, energetic, landscape and architectural issues may be empowered with geographically referenced data and their mapping. The course would provide background information and tools for handling digital maps and offer an overview of the potential of spatial data analyses, in relevant application domains. The course is organized in a series of Lectures and Lab activities (where students will be involved in the development of a case study on the basis of their research topic, or proposed by the teaching staff) and an open seminar where developed cases will be presented and discussed.

From 11/09/2018 to the end of october 2018



### PHD in ENVIRONMENTAL AND INFRASTRUCTURE ENGINEERING

#### MODELLING EXTREMES AND DEPENDENCE IN MULTIVARIATE PROBLEMS

**Prof. Carlo De Michele**

Topics: Univariate extreme value theory; Multivariate extreme value theory; Copulas; Dependence; Hazard, risk and design in multivariate problems.

24/09/2018 (full week, until 24/09/2018)





## COLLOQUIA DOCTORALIA 2018

### PHD in ARCHITECTURE, BUILT ENVIRONMENT and CONSTRUCTION ENGINEERING

A Final Examination session of ABC Candidates is scheduled in the following days:

#### 18 September 2018 - 10h30 - Aula Consiglio, Ed. 14 (I piano)

Cristina Boniotti, *Conservation and Management of Built Cultural Heritage: the case of public complex properties.*

Commission Members: [Pietro Petraroia](#), Univ. Cattolica del Sacro Cuore, [Christer Gustafsson](#), Uppsala Univ., [Caroline Cheong](#), Univ. of Central Florida, [Valeria Pracchi](#), Politecnico di Milano (DABC)

#### 24 September 2018 - 16:00 - Sala riunioni 010, Ed. 5 (I piano)

Mehdi Ghazimoradi, *Experimental Measurement and Numerical Modeling of the Mechanical Behavior of Technical Textile.*

Commission Members: [Stefano Mariani](#), Politecnico di Milano (DICA), [Claudia Marano](#), Politecnico di Milano (CMIC) and [Valter Carvelli](#), Politecnico di Milano (DABC)

#### 25 September 2018 - 10h30 - Aula Consiglio, Ed. 14 (I piano)

Chiara Tagliaro, *A Place for the Workplace to Work. A system of performance indicators for strategic design, management and use of the workplace.*

Commission Members: [François-Xavier De Vaujany](#), Université Paris-Dauphine, [Rianne Appel-Meulenbroek](#), Eindhoven University of Technology, [Laura Malighetti](#), Politecnico di Milano (DABC)

#### 26 September 2018 - 11h00 - Aula Consiglio, Ed. 14 (I piano)

Marco Gola, *Sustainable High Quality Healthcare Facilities. Indoor Air Quality as Health Promoter in Healing Environments*

Commission Members: [Daniela D'Alessandro](#), Università La Sapienza, [Umberto Moscato](#), Università Cattolica del Sacro Cuore, [Tiziana Poli](#), Politecnico di Milano (DABC)

#### 28 September 2018 - 9h30 - Aula Consiglio, Ed. 14 (I piano)

Giovanni Brambilla, *Sustainable Composite Steel-Concrete Construction*

Gian Paolo Chiarelli, *Characterization of cold formed profiles and structural details of pallet racking systems: Application of artificial intelligence*

Commission Members: [Luis Calado](#), Técnico Lisboa, [Ioannis Vayas](#), NTUA - National Technical University of Athens, [Carlo Castiglioni](#), Politecnico di Milano (DABC)

#### 28 September 2018 - 10:30 - Sala riunioni 010, Ed. 5 (I piano)

Ana Veljkovic, *Bond of GFRP Bars and Concrete: From Local to Structural Mechanical Behaviour*

Commission Members: [Maurizio Guadagnini](#), University of Sheffield, [Dario Coronelli](#), Politecnico di Milano (DICA) and [Valter Carvelli](#), Politecnico di Milano (DABC)

#### 28 September 2018 - 14h30 - Aula Consiglio, Ed. 14 (I piano)

Marzia Bolpagni, *Digitalisation of Tendering and Awarding Processes: a Building Information Modelling (BIM) - Based Approach to Public Procurement Routes*

Commission Members: [Mohamad Kassem](#), Northumbria University, [António Aguiar Costa](#), Técnico Lisboa, [Angelo Ciribini](#), Università degli Studi di Brescia