

# PhD NEWSLETTER

#### **BONUS "GIOVANI ECCELLENZE"**

by Enrico De Angelis

Are you a young, recent (after January 2018), PhD Graduate from an Italian University? Are you going to graduate soon (within June 2019)? Since the beginning of 2018, Italian private employers are encour-aged to recruit you, with a tax discount.

The discount is in the social security taxation and for any private entrepreneur who hires – with a permanent contract – either a PhD graduate or an excellent Master graduate (also for transforming your contract from a temporary to a permanent one).

Master Graduates must be younger than 30 years, and their excellence need a degree with honors (110 e lode) and a very high average of their grades (≥108/110). PhD Graduates must just be younger than 34 years. In both cases, the title must be obtained before June 2019.

Yes, I know what you are thinking: «wasn't all my endeavor to graduate enough? ... » and « .. aren't my skills, gained with tears, enough, to obtain an employment? ». They are, of course! We are proud of you all. But, you know, every added chance is important.

In any case, all PhD graduates are excellent graduates, for Italian law and deserve this occupational "encouragement".

To know more, see this recent <u>official text</u> or refer to the original (2018) <u>budget law</u> (from art. 706).

## **CALLS AND EVENTS**



#### **ELECTION OF PHD CANDIDATES' REPRESENTATIVES**

Nominations for elections of student representatives have been opened. Elections will take place in 14-15 May and they are relative to all student representatives in three different university bodies (Academic Senate, Board of Directors, PhD School Council) and the representative in the CNSU (National Council of University Students). All documents for nominations are available at this <a href="https://link.pythonorized.com/link.pythonor

Deadline for submitting nominations: Tuesday April 16, 2019





### BRUNO ZEVI PRIZE FOR AN HISTORICAL-CRITICAL ESSAY

The Bruno Zevi Prize awards essays (it might be your PhD thesis and the prize is its publication by the Bruno Zevi Foundation) about:

- the key role of space in architecture;
- the ancient roots of modern architectural language;
- history as a methodology of architectural practice;
- the modern language of architecture;
- landscape and the zero-degree language of architecture.

Deadline: July 10, 2019













### TOP STARS 2019 - INNOVATION CHALLENGE SUMMER SCHOOL

Applications to the <u>TOP STARS Summer School</u> are now open (<u>application form</u>). The the *key-objective* of the School is enhancing entrepreneurial skills and specific business capacities, from idea to a clear business proposition remains. The emphasis of this 2019, 3<sup>rd</sup> edition will be the application of currently available technologies to improve the everyday life & business activities, starting from the challenges proposed by a series of selected companies involved in tutorials and workshops and in the assessment of the feasibility of student's proposals, on both technical and business aspect.

Thanks to the contribution of the EIT Raw Materials, the participation will be free of charge and accommodation costs handled by the school, to for the selected students who will also allowed with a little budget for travel expenses (EU H2020 programme reimbursement criteria).

See here the **Brochure** and the **Call** 

Application deadline: 30 April 2019





# CYCLING IN CITIES – TRAIL INTERNATIONAL PHD SUMMER SCHOOL

The Dutch TRAIL research school organizes an international summer school on 'Cycling in Cities' (9-13 September 2019), offered to all PhD students involved in research about the Traffic & Travel modelling, their Societal Impacts, Safety, Health and the Built Environment, Accessibility, Innovation and Policy ... every aspects of cycling. It does not matter whether you are about to start or whether you are well on the way! The first 5 students from an IDEA League university who will register will not have to pay the 1000 Euro tuition fee. They will still be responsible for covering costs for accomodation and travel.

First registration deadline: 15 April 2019





#### PADOVA GALILEO – FESTIVAL DELL'INNOVAZIONE

Applications for accommodation scholarships are open to participate to the 8th Green-Week.

From 9 to 11 May, Padova





vative extracurricular teaching activities of the Politecnico di Milano. During the course, teams of volunteer students challenged each other in developing projects for special needs presented by *I Gigli del Campo*, *AICCA* (the Italian GUCH - Grown-Up Congenital Hearth disease - Association), the Centro Sclerosi Multipla of the San Camillo-Forlanini Hospital, in collaboration with EUPATI (European Patients' Academy).

For organizational reasons, registration (here) is required





# FRENCH, PORTUGUESE, SPANISH INTENSIVE COURSES

Partecipation fee: 100 euro (not including textbooks)

- 30 hours course; beginner level.
- 3 lessons per week Tuesday, Wednesday and Thursday from 6.15p to 8.00pm
- from Tuesday 7 May to Wednesday 12 June
- downloadable frequency report for those who attend at least 26 hours

Info www.polimi.it/onlineservices follow the path: -> Mobility -> Language courses catalogue

Deadline: 15 April 2019





#### PRIZE "ING. GIUSEPPE PEDRIALI" XXV EDITION

The prize (8.000 €) is given for scientific publications, inventions or works of any kind have effectively demonstrated their contribution to the progress of science in the fields of physics, chemistry and electricity (any contribution related to enabling technologies in the fields of physics, chemistry and electronic, computer science and aerospace engineering, that innovate or in any case improve products and processes of Italian industry.

Deadline: 15 June 2019



# **SEMINARS AND WORKSHOPS**



# MECHANICAL PROPERTIES OF MG ALLOYS WITH HETERO-NANO OR HOMOGENEOUS ULTRAFINE-MICROSTRUCTURES

#### Prof. Hiromi Miura, Toyohashi University of Technology

This seminar will present the development, the purpose and advantages of multidirectional forging (MDFing) of magnesium alloys.

April 1st 2019, 2:00 pm – Sala Consiglio, Dept. of Mechanical Engin., Via La Masa 1





#### Prof. P. Kuosmanen, Prof. K. Tammi and Dr. R. Viitala, Aalto Univ.

This seminar will present the role of real data and the future scenarios in terms of product design and engineering; the exploitation of data offered by the Internet of Things (IoT); how large rotor vibration can be efficiently reduced by improving the bearing geometry.

April 12<sup>th</sup> 2019, 2:00 pm – Sala Consiglio, Dept. of Mechanical Engin., Via La Masa 1





### STARTING COURSES – PHD SCHOOL

### PROJECT MANAGEMENT PMI-CAPM CERTIFICATION PREPARATION

### Prof. Alfonso Fuggetta

Provide an internationally recognized certification in Project Management. The course cannot be considered as a "stand alone course" but it should be delivered after the preliminary course "PROJECT MANAGEMENT BASICS".

From April 2<sup>nd</sup> to April 16<sup>th</sup> 2019



# STARTING COURSES - DOCTORAL PROGRAMMES

### PHD IN INFORMATION TECHNOLOGY

# HIGH RESOLUTION ELECTRONIC MEASUREMENTS IN NANO-BIO SCIENCE

# **Prof. Marco Sampietro**

The course aims to cover the important aspects of electronic measurements of devices, from the measurement techniques used to access the electrical properties of the nanoscopic systems to the specific circuits necessary to sense the tiny electric signals with the best possible resolution. The course is thus intended for the nanobioscience scientists who desire to have a deep insight into the realm of electrical measurements on nanosamples and of the ultimate characteristics of instrumentation integrated-on-chip as well as for the electronic designers of circuits who desire to approach and focus their realizations towards the vast and growing field of the electronic instrumentation.

From 8 April 2019



#### **OTHER NEWS**

### MECCPHD COLLOQUIA DOCTORALIA 2019

Final Defence of the XXX and XXXI Cycles PhD Candidates – Department of Mechanical Engineering
April 2nd 2019