



#SCICOMM

by *Enrico De Angelis*

It means **SCI**entific **COMM**unication and it may, sooner or later, involve you, somehow.

Don't fear, you are not expected to become an expert *also* in the “science of communication” (if it's not already your field!); it's just to push you to consider this opportunity: to “communicate your science”.

In their PhD contract, candidates are expected to explain their work at least once, in their final viva. Most of you meet their PhD Board (or a part of it) one or more times a year, before that viva. Many of you have the chance to take part, with an active role, of meetings and presentation sessions where to explain their research questions, projects, state of the art and results, either if it is part of a wider activity or as single exploration task.

But that's not SCICOMM.

Moreover, once graduated, you will be interviewed, either for academic or other positions, and required to explain your last three research endeavor years to people who might be far less experts than your thesis reviewers (who, for sure, were far less experts than you, about your topic!!).

But that's not the point.

The real point is that, as PhDs are not just students but early stage researchers who take part in knowledge construction, you are not a simple wheel unaware of the whole system and you can (ought to) take part of the valorization process of the research your work. Maybe the research team you are part of already have communication staff; maybe, you are not keen at all in that. But this doesn't mean that it is not worth to have an active role in “communicating your work” in “explaining your science”.

The final message is double. The first part is to remind you that the PhD School is committed in supporting you and train you in SCICOMM since its first beginning. Courses like [PROFESSIONAL COMMUNICATION](#), [SCIENTIFIC COMMUNICATION](#) or [DISSEMINARE LA RICERCA](#) are SCICOMM courses; many other are related to your impact and the enhancement: [ISSUE MAPPING](#), [RESEARCH SKILLS](#), [TECHNOLOGY & SOCIETY](#) and many others have parts specifically devoted to the communication of science.

The last part of the message is nothing more than a retweet of a message from Martjin Peters, “Communication Officer” who «carries the responsibility to valorize research at UHasselt and generate impact through outreach:

Whenever you are doing #scicomm, make sure it's honest, open and most importantly two-way. Dialogues lead to connection, trust, and engagement. □ They're the most effective way of resolving conflicts as it requires humility + willingness to challenge your own thinking. #phdchat

In few words, seriously consider #SCICOMM opportunities!

Before entering Hasselt University SCICOMM office, [Martjin Peters](#) obtained his PhD with a thesis in the field of Nanobiophysics and Soft Matter Interfaces developed at the Polymer Reaction Design Group, where he developed some hard skills before going softer. At Hasselt University he developed a series of, as #SCICOMM professional, he is the new “Coordinator of Science & Climate” at [dpgmedia Group](#) (see also his [Instagram page](#) for more SCICOMM activities with [@uhasselt](#) research community).





CALLS AND EVENTS



**POLITECNICO
MILANO 1863**

DEGREE AWARD "SAVE THE DUCK"

The degree award with gross amount of € 5,000.00 deductible expenses excluded charged to Politecnico di Milano will be given to the best graduation work among those presented on the topic Sustainability in the fashion sector

Deadline: September 4, 2019



PUBLIC ANNOUNCEMENT DOCTORAL THESIS "MARIO PAVAN"

In collaboration with the Association "Società Astronomica G.V. Schiapparelli" the Municipality of Varese public announcement for the assignment of the prize "Mario Pavan" awarded to a doctoral thesis in naturalistic and environmental subjects. The value of the prize is € 2.500,00 gross: access to its assignment is allowed to students who have received a PhD in an Italian or foreign university and who have developed a research thesis regarding environment and nature in 2017/18. The 2019 theme is: *"the role of biodiversity in mitigating antropic impacts"*.

Application deadline: 15 July 2019



PhD F.A.I. Lab
cibo e sviluppo sostenibile

"FOOD AND SUSTAINABLE DEVELOPMENT" CALL

PhD calls "Cibo e sviluppo sostenibile - F.A.I. Lab" (Food and sustainable development) are aimed at the insertion of highly qualified personnel in selected entrepreneurial realities so that, through their cultural and scientific baggage, it allows and promotes innovation paths for companies and eligible entities operating in the sector agricultural and agribusiness.

Application deadline: September 18, 2019



INNOVATION & ENTREPRENEURSHIP COMPETITION FOR OVERSEAS TALENTS 2019 - HANGZHOU

The competition aims to build a platform of various resources such as innovation & entrepreneurship policies, talents, funds, industries, markets and so on to help projects register in Hangzhou. The competition also targets to improve the innovation atmosphere, stimulate innovation vitality, guide innovation investment and help Hangzhou take lead in China's digital economy.

Application deadline: July 15, 2019



JRC AUTOTRAC 2020 HOW ROAD TRANSPORT WILL LOOK LIKE?

JRC AUTOTRAC 2020 is the first autonomous vehicle traffic competition. Differently from other competitions involving small-scale automated vehicles (AVs), AUTOTRAC is about vehicles' cooperation behavior rather than their individual capacity to complete a certain path. If you have a team of people able to build a fleet of cooperative, automated, small-scale vehicles (CAVs), apply to participate!

Deadline for applications: 31 July 2019





DOMODRY ACADEMY PRIZE

Domodry presents the Second Edition of the "Domodry Academy" Award - 2019-20 Edition for the best degree theses and / or doctoral thesis on the themes of humidity in construction. A prize will be awarded for each of the following categories:

- three-year or master degree thesis (from January 1, 2019 to March 31, 2020);
- PhD thesis (from January 1, 2016 to March 31, 2020).

Two prizes will be awarded - one for each category - worth 1500 euros each.

Deadline for applications: 31 March 2020



SEMINARS AND WORKSHOPS



SUMMER SCHOOL OPEN SCIENCE IN PRACTICE (OSIP2019) EPFL, LAUSANNE, SWITZERLAND

This summer school is for anyone interested in learning more about what academic research will look like in the future. We want to bring together established scientists and early career researchers to provide a stimulating, yet friendly, learning environment. No preliminary knowledge of open science is required!

2 - 6 September 2019, Lausanne, Switzerland



DESIGNING RTD EXPERIMENTS. EXPLORING AND MATERIALIZING THE BOUNDARIES OF EXPERIMENTAL KNOWLEDGE Prof. Stefano Maffei, Chiara Colombi, Jonathan Chapman

2019 International Doctoral Summer School, organized by the PhD Programme in Design of Politecnico di Milano.

The 2019 edition has its focus in trying to explore what might be defined "Research through design" (RtD) nowadays, with the aim to discuss the process of generating and communicating knowledge, also exploring the potentialities of other disciplinary experiences, that are meaningful for the design practice to produce original knowledge in forms that are not exclusively textual.

July, 1-5 2019





STARTING COURSES – PHD SCHOOL

SCIENCE, TECHNOLOGY, SOCIETY AND WIKIPEDIA

Prof. Castiglioni Chiara, Raos Guido, Mabbett Andrew John

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 1st to 5th July 2019



STARTING COURSES – DOCTORAL PROGRAMMES

PHD IN INFORMATION TECHNOLOGY

HYBRID SYSTEMS

Prof. Maria Prandini

The aim of this course is to introduce the student to the area of hybrid systems, that is dynamical systems characterized by the interaction of different types of dynamics, both continuous and discrete. Students attending the course should be able to appreciate the diversity of phenomena that arise in hybrid systems, and understand how concepts that are classical in the theory of discrete systems, modelled by automata, can coexist with concepts that are classical in the theory of continuous systems, modelled by differential equations, in a unifying framework.

From 1st to 10th July 2019



FIBER OPTIC SENSING

Prof. Paolo Martelli

The course aims to present the principles and the applications of sensors exploiting optical fibers.

From 16th to 24th July 2019



PHD IN MECHANICAL ENGINEERING

DATA AND KNOWLEDGE IN PRODUCT DEVELOPMENT

Prof. Stefano Borgo (CNR)

The course aims to provide basic knowledge on the methodologies for the representation in IT applications of the information and the engineering procedures related to the product development process. Topics will include: state of the art about methods and tools for managing information and product development procedures of a product; foundations of the ontological approach and of Knowledge Based Engineering. Theoretical lessons are integrated by software laboratory.

From 2nd to 23rd July 2019



VIBRATIONS IN PIEZOELECTRIC MEDIA: MODELLING, ANALYSIS AND APPLICATIONS

Prof. Andres F. Arrieta Diaz (Purdue University)

This course focuses on the modelling and analysis the vibrations of continuous piezoelectric media. Topics will include: a variational formulation using Hamilton's principle and coupled constitutive materials law capturing multi-physics couplings; techniques to analyze the obtained equations of motion and nonlinear vibrations; applications to vibrations suppression and energy harvesting.

From 4th to 9th July 2019



OTHER NEWS

MECCPHD COLLOQUIA DOCTORALIA 2019

Final Defenses of the XXXI Cycle PhD Candidates – Department of Mechanical Engineering



July 1st at 2:30 pm and July 8th 2019 at 9:30am

