1-st IEEE ITALY SECTION SUMMER SCHOOL
Perugia, June 21-28, 2015

Advanced course for graduated students and industrial research

The IEEE Italy Section, in cooperation with the Dipartimento di Ingegneria of the University of Perugia, organizes the 1-st IEEE Italy Section Summer School: Advanced Course for Graduate Students and Industrial Research. The School is mainly dedicated to graduated students (Ph.D., Dottorato di Ricerca) in technical or scientific fields dealing with the IEEE topics and related areas. Young graduates (MSc, Laurea Magistrale) are also admitted. The school consists of lectures by international experts coming from industry, academia and other research centres. The program covers fundamentals and advanced topics in the following areas:

- Antenna & microwaves
- Biomechanics and bio-robotics
- Communication and networking
- Computational electromagnetics
- Data treatment
- Electrical machines and drives
- Electromagnetic compatibility
- Electronic components, devices and systems
- Ethnic issues in research and technology

The School is designed for graduate students and industrial researches. The School will be held at the School of Engineering, via G. Duranti, Perugia.

Program Committee Chair: Daniela Proto (IEEE Italy Section)

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Regular admission Member IEEE 190 euro
Regular admission Non-Member 240 euro
One-day admission Member IEEE 70 euro
One-day admission Non-Member 90 euro

The deadline for applying is: May 30-th, 2015

More details in: http://ieeess2015.tr.unipg.it/
Info: ermanno.cardelli@unipg.it

SUMMARY PROGRAM

Sunday, June 21-st Welcome and reception
Monday, June 22-nd - Saturday, June 27-th
Distinguished Lecturers
R. Baldoni, Univ. La Sapienza, Rome, Cybersecurity
M. Ceraolo, Univ. Pisa, Object-Oriented Simulations with Modelica
F. Cianetti, Univ. of Perugia, Modeling and simulation of mechatronic systems
P. Civalleri, Politecnico di Torino, The circuitual approach in R&D
F. Fiorillo, INRIM Turin, Magnetic Materials and Measurements
A. Fernandez, Univ. of Vigo, Digital Image Processing: some basic concepts and applications

P. Lié, Cambridge University, Bioinformatics algorithms and predictive models
G. Rubinacci, Univ. Neaples Federico II, The constitutive error approach in the computation of the electric and magnetic fields
D. Scaramuzza, Tech. Univ. of Zurich, T. Ciarfuglia, G. Costante, Univ. Perugia, Computer vision for robotic and UAV applications
J. Schoukens, Vrije Univ. Brussels, Non-linear system identification
R. Sorrentino, Univ. of Perugia, Electromagnetic fields and their applications in the everyday’s life

A guided tour is expected in the afternoon of Wednesday, June 24-th
Sunday, June 28-th, 2015 Final evaluation test and Closing ceremony