

# 1-st IEEE Italy Section Summer School: Advanced Course for Graduate Students and Industrial Research

Perugia School of Engineering 21-28 June 2015

## Program (quasi-final)

**Sunday, June 21-st** 17,00 Welcome and reception

**Monday, June 22-nd**

9,00-13,00 **R. Sorrentino**, Univ. of Perugia, *Electromagnetic fields and their applications in the everyday's life* (break 10,50-11,10)

13,00-14,30 lunch

14,30-18,30 **G. Rubinacci**, Univ. Naples Federico II, *The constitutive error approach in the computation of the electric and magnetic fields* (break 16,20-17,10)

**Tuesday, June 23-rd**

9,00-13,00 **P. Civalieri**, Politecnico di Torino, *The circuital approach in R&D* (break 10,50-11,10)

13,00-14,30 lunch

14,30-18,30 **F. Fiorillo**, INRIM Turin, *Magnetic materials and measurements* (break 16,20-17,10)

**Wednesday, June 24-th**

8,30-12,30 **J. Schoukens**, Vrije Univ. Brussel, *Non-linear system identification part I* (break 10,50-11,10)

12,30-13,30 lunch

13,30-15,30 **M. Schoukens**, Vrije Univ. Brussel, *Non-linear system identification part II*

15,30 – 15,45 break

15:45-18:00 **A. Fernández**, Univ. of Vigo, *Digital image processing: some basic concepts and applications*

18,00 – 20,00 Guided Tour

**Thursday, June 25-th**

9,00-13,00 **M. Ceraolo**, Univ. Pisa, *Object-Oriented Simulations with Modelica* (break 10,50-11,10)

13,00-14,30 lunch

14,30-18,30 **D. Scaramuzza**, Tech. Univ. of Zurich, *Computer vision for robotic and UAV applications* (break 16,20-18,30)

**Friday, June 26-th**

9,00-13,00 **M. Di Renzo**, Univ. Paris Sud XI, *The Magic of Stochastic Geometry at a Low Complexity – Application to 5G Cellular Networks* (break 10,50-11,10)

13,00-14,30 lunch

14,30-18,30 **R. Baldoni**, Univ. La Sapienza, Rome, *Cybersecurity* (break 16,20-17,10)

**Saturday, June 27-th**

9,00-13,00 **P. Liò**, Cambridge University, *Bioinformatics algorithms and predictive models* (break 10,50-11,10)

13,00-14,30 lunch

14,30-18,30 **F. Cianetti**, Univ. of Perugia, *Modeling and simulation of mechatronic systems* (break 16,20-17,10)

18,30 Bierstube

**- Sunday, June 28-th**

10,00 – 11,00 Final evaluation test

11,00 – 11,45 Certificate presentation

11,45 – 12,15 Closing ceremony