

## International Graduate School on Control

**Independent Graduate Modules**— one 21 hours module per week (3 ECTS)

**Deadline for advance registration to each module: 20/12/2013**

**Locations:** Belgrade (Serbia), Hangzhou (China), Istanbul (Turkey),

L'Aquila (Italy), Paris <Gif-sur-Yvette> or Grenoble (France), Saint-Peterburg (Russia)

Pre-programme(\*)

<b>M1</b> 20/01/2014 – 24/01/2014	<i>Sliding Mode Control and Observation</i>	<b>Christopher Edwards</b> , University of Exeter, UK
<b>M2</b> 27/01/2014 – 31/01/2014	<i>The Scenario Approach - Theory and Applications</i>	<b>Marco C. Campi</b> , University of Brescia, Italy <b>Simone Garatti</b> , Politecnico di Milano – DEI, Italy
<b>M3</b> 03/02/2014 – 07/02/2014	<i>Randomized Algorithms for Systems, Control and Networks</i>	<b>Roberto Tempo / Fabrizio Dabbene</b> , CNR-IEIT, Politecnico di Torino, Italy
<b>M4</b> 10/02/2014 – 14/02/2014	<i>Analysis and Synthesis for linear systems subject to control saturation</i>	<b>Sophie Tarbouriech / Luca Zaccarian</b> , CNRS LAAS, Univ. Toulouse, France
<b>M5</b> 17/02/2014 – 21/02/2014	<i>Moments, positive polynomials and LMIs for optimal control</i>	<b>Didier Henrion / Jean-Bernard Lasserre</b> , CNRS LAAS, Univ. Toulouse, France
<b>M6</b> 24/02/2014 – 28/02/2014	<i>Feedback control of quantum systems</i>	<b>Mazyar Mirrahimi</b> , INRIA Rocquencourt / <b>Pierre Rouchon</b> , Mines-ParisTech, France
<b>M7</b> 03/03/2014 – 07/03/2014	<i>Embedded control systems design issues</i>	<b>Pedro Albertos</b> , Universidad Politécnica de Valencia, Spain
<b>M8</b> 10/03/2014 – 14/03/2014	<i>Stability and Control of Time-delay Systems</i>	<b>Wim Michiels</b> , KU Leuven, Belgium / <b>Silviu I. Niculescu</b> , CNRS L2S, Gif-sur-Yvette, France
<b>M9 - BELGRADE</b> 17/03/2014 – 21/03/2014	<i>Nonlinear Control Over Networks with Uncertain Sampling and Delays</i>	<b>Miroslav Krstic</b> , Univ California, San Diego, USA / <b>Iasson Karafyllis</b> , NTUA, Athens, Greece
<b>M10</b> 24/03/2014 – 28/03/2014	<i>Arbitrated Network Control Systems</i>	<b>Anuradha Annaswamy</b> , MIT, USA
<b>M11 – HANGZHOU</b> 24/03/2014 – 28/03/2014	<i>Adaptive and Passivity-based Control of Nonlinear Systems</i>	<b>Romeo Ortega</b> , CNRS L2S Gif-sur-Yvette, France
<b>M12</b> 31/03/2014 – 04/04/2014	<i>Model Predictive Control</i>	<b>Jan Maciejowski</b> , University of Cambridge, UK
<b>M13</b> 07/04/2014 – 12/04/2014	<i>Introduction to Nonlinear Control</i>	<b>Hassan K. Khalil</b> , Michigan State Univ, USA
<b>M14 - L'AQUILA</b> 14/04/2014 – 19/04/2014	<i>Convergence theory for observers: Necessary, and Sufficient conditions</i>	<b>Laurent Praly</b> , Mines-ParisTech, France
<b>M15 – SAINT PETERSBURG</b> 14/04/2014 – 19/04/2014	<i>Nonlinear Control for Physical Systems</i>	<b>Roger W. Brockett</b> , Harvard SEAS, USA / <b>Alexandre L. Fradkov</b> , RAS, Saint-Peterburg, Russia
<b>M16 - BELGRADE</b> 21/04/2014 – 25/04/2014	<i>Distributed Control</i>	<b>A. Stephen Morse</b> , Yale University, USA
<b>M17 - ISTANBUL</b> 28/04/2014 – 02/05/2014	<i>Introduction to Geometric Nonlinear Control Theory and Applications</i>	<b>Witold Respondek</b> , INSA Rouen, France
<b>M18</b> 05/05/2014 – 09/05/2014	<i>Analysis and Design of Hybrid Control Systems</i>	<b>Ricardo G. Sanfelice</b> , University of Arizona, Tucson, USA
<b>M19 - GRENOBLE</b> 12/05/2014 – 16/05/2014	<i>Adaptive Control: From needs to applications</i>	<b>Ioan D. Landau</b> , CNRS GIPSA-LAB, Grenoble, France / <b>Alireza Karimi</b> , EPFL, Switzerland
<b>M20</b> 19/05/2014 – 23/05/2014	<i>Modeling and Control of Automotive and Aerospace Engines and Powerplants</i>	<b>Ilya Kolmanovsky</b> , University of Michigan / <b>Stefano Di Cairano</b> , Mitsubishi Elect. Res. Lab Boston, USA

(\*) A module will open only if a sufficient number of registrations are received before the advance registration deadline