

Pre-programme(*)
SPRING 2013

Independant Modules— one 21 hours module per week (3 ECTS)

Deadline for ADVANCE REGISTRATION to each module: 20/12/2012

Locations: Supelec (Paris), Istanbul (Turkey), L'Aquila (Italy), Belgrade (Serbia)

www.eeci-institute.eu/GSC2013

M1 14/01/2013 – 18/01/2013	<i>Randomized Algorithms for Systems and Control: Theory and Applications</i>	Roberto Tempo , CNR-IEIT, Politecnico di Torino, Italy Fabrizio Dabbene , CNR-IEIT, Politecnico di Torino, Italy
M2 21/01/2013 – 25/01/2013	<i>Uncertain Optimization: Introduction to the Scenario Approach</i>	Marco C. Campi , University of Brescia, Italy Simone Garatti , Politecnico di Milano – DEI, Italy
M3 28/01/2013 – 01/02/2013	<i>Model Predictive Control</i>	Eduado F. Camacho , University of Sevilla, Spain
M4 04/02/2013 – 08/02/2013	<i>The Transverse Function control approach for highly nonlinear systems</i>	Claude Samson , INRIA, France Pascal Morin , INRIA, France
M5 11/02/2013 – 15/02/2013	<i>Design and analysis tools for physical control systems</i>	Antonio Loría , CNRS L2S, Gif-sur-Yvette, France Elena Panteley , CNRS L2S, Gif-sur-Yvette, France
M6 18/02/2013 – 22/02/2013	<i>Normal Forms for Nonlinear Systems and their applications</i>	Witold Respondek , INSA Rouen, France
M7 25/02/2013 – 01/03/2013	<i>Decentralized and Distributed Control</i>	Giancarlo Ferrari-Trecate , University of Pavia, Italy Marcello Farina , Politecnico di Milano, Italy
M8 04/03/2013 – 08/03/2013	<i>Modeling and Control of Automotive and Aerospace Engines and Powerplants</i>	Ilya Kolmanovsky , University of Michigan, USA
M9 11/03/2013 – 15/03/2013	<i>Stability and Control of Time-delay Systems</i>	Wim Michiels , K.U. Leuven, Belgium Silviu-Iulian Niculescu , CNRS L2S, Gif-sur-Yvette, France
M10 11/03/2013 – 15/03/2013	<i>Recent Advances of Sliding Mode Control</i>	Vadim I. Utkin , The Ohio State University, USA
M11 - BELGRADE 11/03/2013 – 15/03/2013	<i>Backstepping Control of PDEs and Delay Systems</i>	Miroslav Krstic , University of California, San Diego, USA
M12 - BELGRADE 18/03/2013 – 22/03/2013	<i>Specification, Design and Verification of Distributed Control Systems</i>	Richard Murray , California Institute of Technology, USA Ufuk Topcu , California Institute of Technology, USA
M13 18/03/2013 – 22/03/2013	<i>Input saturation: control design and anti-windup</i>	Sophie Tarbouriech , CNRS LAAS, Toulouse, France Luca Zaccarian , University of Roma «Tor Vergata», Italy
M14 25/03/2013 - 29/03/2013	<i>Traffic modeling and estimation at the age of smartphones</i>	Alexandre M. Bayen , University of California, Berkeley, USA Dan Work , University of Illinois at Urbana-Champaign, USA Christian Claudel , University of Sci. and Tech. Thuwal, KSA
M15 25/03/2013 – 29/03/2013	<i>Model Predictive Control</i>	Jan Maciejowski , University of Cambridge, UK
M16 08/04/2013 – 12/04/2013	<i>About Nonlinear Digital Control</i>	Dorothee Normand-Cyrot , CNRS L2S, Gif-sur-Yvette, France Salvatore Monaco , University of Roma «La Sapienza», Italy
M17 22/04/2013 – 26/04/2013	<i>Event-triggered and Self-triggered Control</i>	W.P.M.H. Heemels , Eindhoven Univ. of Tech., Netherlands Karl-Henrik Johansson , Royal Institute of Tech. Sweden Paolo Tabuada , University of California at Los Angeles, USA
M18 - ISTANBUL 22/04/2013 – 26/04/2013	<i>Stochastic Control with Contemporary Methods and Applications</i>	Roger W. Brockett , Harvard School of Eng. Applied Sc., USA
M19 - ISTANBUL 29/04/2013 – 03/05/2013	<i>Symbolic control design of Cyber-Physical systems</i>	Maria Domenica Di Benedetto , University of L'Aquila, Italy Giordano Pola , University of L'Aquila, Italy
M20 13/05/2013 – 17/05/2013	<i>Nonlinear and adaptive control</i>	Alessandro Astolfi , Imperial College, UK Romeo Ortega , CNRS L2S, Gif-sur-Yvette, France
M21 13/05/2013 – 17/05/2013	<i>Distributed Control</i>	A. Stephen Morse , Yale University, USA
M22 20/05/2013 – 24/05/2013	<i>Extremum Seeking Control: Analysis and Design</i>	Dragan Netic , University of Melbourne, Australia
M23 20/05/2013 – 24/05/2013	<i>Robust Hybrid Control Systems</i>	Ricardo Sanfelice , University of Arizona, USA
M24 – L'AQUILA 20/05/2013 – 24/05/2013	<i>Optimality, Stabilization, and Feedback in Nonlinear Control</i>	Francis Clarke , Université Claude Bernard Lyon 1, France
M25- L'AQUILA 27/05/2013 – 31/05/2013	<i>Modeling and estimation for control</i>	Emmanuel Witrant , Univ. Joseph Fourier, GIPSA, Grenoble, France
M26 27/05/2013 – 31/05/2013	<i>Switched Systems and Control</i>	Daniel M. Liberzon , University of Illinois, USA

(*) A module will open only if a sufficient number of registrations are received before the advance registration deadline: 20/12/2012