

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

Different locations



M01 – PARIS-SACLAY 18/01/2016 - 22/01/2016	<i>Control by PDE modelling</i>	Enrique Zuazua, Universidad Autonoma Madrid, Spain
M02 – PARIS-SACLAY 25/01/2016 - 29/01/2016	<i>Control of biological systems</i>	Denis Dochain Université Catholique de Louvain, Belgium
M05 – PARIS-SACLAY 15/02/2016 - 19/02/2016	<i>LMIs for optimization and control</i>	Didier Henrion & Jean-Bernard Lasserre CNRS LAAS, University of Toulouse, France
M06 – 2016 - BOMBAY 15/02/2016 - 19/02/2016	<i>Introduction to Geometric Nonlinear Control Theory and Applications</i>	Witold Respondek, INSA Rouen, France
M07 – BERLIN 22/02/2016 - 26/02/2016	<i>Modeling, analysis and design of wireless sensor and actuator networks</i>	Alessandro D'Innocenzo, University of L'Aquila & Carlo Fischione, KTH Royal Inst. Tech., Sweden
M08 – BERLIN 29/02/2016 - 04/03/2016	<i>Control of discrete event systems</i>	Joerg Raisch, Technical University of Berlin, Germany & Laurent Hardouin, Université d'Angers, France
M09 – PARIS-SACLAY 29/02/2016 - 04/03/2016	<i>Randomized algorithms for systems, control and networks</i>	Roberto Tempo, CNR-IEIT, Politecnico di Torino, Italy
M10 – PARIS-SACLAY 07/03/2016 - 11/03/2016	<i>High-gain observers in nonlinear feedback control</i>	Hassan K. Khalil, Michigan State University, USA
M11 – PARIS-SACLAY 14/03/2016 - 18/03/2016	<i>Stability, control, and computation for time-delay systems</i>	Wim Michiels, K.U. Leuven, Belgium & Silviu-Iulian Niculescu, CNRS, Paris-Saclay, France
M12 – BERLIN 14/03/2016 - 18/03/2016	<i>Model Predictive Control</i>	Jan Maciejowski, University of Cambridge, UK
M14 – L'AQUILA 21/03/2016 - 24/03/2016	<i>Tools for nonlinear control, Lyapunov function, positivity, applications</i>	Frédéric Mazenc, INRIA, Paris-Saclay, France
M15 – L'AQUILA 04/04/2016 - 08/04/2016	<i>Cyber-Physical systems control: Algebraic and Optimization techniques</i>	Raphaël Jungers, Université Catholique de Louvain, Belgium
M16 – PARIS-SACLAY 04/04/2016 - 08/04/2016	<i>Distributed coordination of multi-agent systems</i>	Wei Ren, University of California, Riverside, USA
M17 – PARIS-SACLAY 11/04/2016 - 15/04/2016	<i>Nonlinear observers: applications to aerial robotic systems</i>	Robert Mahony, Jochen Trumpf, Australian Nat. Univ & Tarek Hamel, CNRS, Sophia-Antipolis, France
M18 – ISTANBUL 18/04/2016 - 22/04/2016	<i>Stability and stabilization of time-varying systems</i>	Elena Panteley & Antonio Loria CNRS, Paris-Saclay, France
M19 – ISTANBUL 25/04/2016 - 29/04/2016	<i>Convergence theory for observers</i>	Laurent Praly, Mines-ParisTech, France
M20 – BELGRADE 25/04/2016 - 29/04/2016	<i>Optimization and stabilization under large delays</i>	Miroslav Krstic, Univ California, San Diego, USA & Iasson Karafyllis, NTUA, Athens, Greece
M21 - ST PETERBURG 02/05/2016-06/05/2016	<i>Distributed control and computation</i>	A. Stephen Morse, Yale University, USA
M22 – PARIS-SACLAY 09/05/2016 - 13/05/2016	<i>The interplay between Big Data and sparsity in control and systems identification</i>	Mario Sznajder, Northeastern Univ, MA, USA
M23 – PARIS-SACLAY 09/05/2016 - 13/05/2016	<i>Time-delay, sampled-data and PDE systems</i>	Emilia Fridman, Tel Aviv University, Israel
M24 – PARIS-SACLAY 16/05/2016 - 20/05/2016	<i>Geometric and numeric methods in optimal control with applications to engineering</i>	Bernard Bonnard & Jean-Baptiste Caillaud University of Burgundy, Dijon, France
M25 – ISTANBUL 23/05/2016 - 27/05/2016	<i>Nonlinear control techniques for modern engineering applications</i>	Romeo Ortega, CNRS L2S PARIS-SACLAY, France
M27 – PARIS-SACLAY 31/05/2016 - 03/06/2016	<i>Practical adaptive control</i>	Anuradha Annaswamy, MIT, USA
M29 – ZURICH 06/06/2016 - 10/06/2016	<i>Nonlinear control for physical systems</i>	Roger W. Brockett, Harvard SEAS, USA & Alexandre L. Fradkov, RAS, St-Petersburg, Russia