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International Graduate School on Control

Different locations

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

Deadline for advance registration to each module: 28/12/2016

M01 – PARIS-SACLAY 23/01/2017-27/01/2017	*Computational issues in nonlinear control*	**Arthur Krener,** *Naval Postgrad. School, Monterey, USA*
M02 – PARIS-SACLAY 30/01/2017-03/02/2017	*Decentralized and distributed control*	**Giancarlo Ferrari-Trecate,** *EPFL, Switzerland* **& Marcello Farina,** *Politecnico di Milano, Italy*
M03 – PARIS-SACLAY 06/02/2017-10/02/2017	*Model Predictive Control*	**Eduardo F. Camacho,** *University of Sevilla, Spain*
M04 – PARIS-SACLAY 13/02/2017-17/02/2017	*Nonlinear control design via Lyapunov functions and positivity-based techniques*	**Frédéric Mazenc,** *INRIA, Paris-Saclay, France*
M05 – PARIS-SACLAY 20/02/2017-24/02/2017	*Modeling and control of distributed parameter systems: the Port Hamiltonian Approach*	**Yann Le Gorrec,** *ENS2M, Besançon, France* **& Hans Zwart**, *University of Twente, The Netherlands*
M06 – PARIS-SACLAY 27/02/2017-03/03/2017	*Energy-based modeling and control of physical systems*	**Arjan van der Schaft**, *University of Groningen* **&** **Dimitri Jeltsema**, *TU Delft, The Netherlands*
M07 – PARIS-SACLAY 06/03/2017-10/03/2017	*Modern mathematical methods for nonlinear systems with constraints, discontinuities, impacts...*	**Rafal K. Goebel**, *Loyola University Chicago, IL, USA*
M08 – MADRAS(India) 13/03/2017-16/03/2017	*Nonlinear Model Predictive Control*	**Frank Allgöwer & Matthias A. Müller,** *University of Stuttgart, Germany*
M09 – PARIS-SACLAY 13/03/2017-17/03/2017	*Stability, control, and computation for time-delay systems*	**Wim Michiels**, *KU Leuven, Belgium* **& Silviu-Iulian Niculescu,** *CNRS, Paris-Saclay, France*
M10 – PARIS-SACLAY 20/03/2017-24/03/2017	*Hybrid feedback control systems : analysis and design*	**Ricardo G. Sanfelice**, *University of California at Santa Cruz, California, USA*
M11 – PADOVA(Italy) 27/03/2017-31/03/2017	*Local methods for nonlinear systems and control*	**Rodolphe Sepulchre & Fulvio Forni,** *University of Cambridge, UK*
M12 – BERLIN(Germany) 03/04/2017-07/04/2017	*Distributed coordination of multi-agent Systems*	**Wei Ren,** *University of California, Riverside, USA*
M13 – PARIS-SACLAY 10/04/2017-14/04/2017	*Introduction to the control of Partial Differential Equations*	**Enrique Zuazua,** *DeustoTech-Bilbao and Universidad Autónoma de Madrid, Spain*
M14 – L'AQUILA(Italy) 18/04/2017-21/04/2017	*Modeling, analysis and design of wireless sensor and actuator networks*	**Alessandro D'Innocenzo,** *University of L'Aquila* **& Carlo Fischione**, *KTH Royal Inst. Tech., Sweden*
M15 – LONDON(UK) 17/04/2017-21/04/2017	*Markov chain models in economics, management and finance*	**Alexander Poznyak**, *CINVESTAV-IPN, Mexico*
M16 – GRENOBLE(France) 24/04/2017-28/04/2017	*Adaptive control with applications to active noise and vibration control*	**Ioan D. Landau**, *CNRS GIPSA-LAB, Grenoble, France* **&Tudor-Bogdan Airimitoaie,** *Univ. Bordeaux, France*
M17 – PARIS-SACLAY 02/05/2017-05/05/2017	*LMIs for optimization and control*	**Didier Henrion** *CNRS LAAS, University of Toulouse, France*
M18 – BERLIN(Germany) 08/05/2017-12/05/2017	*Distributed computation and control*	**A. Stephen Morse,** *Yale University, USA*
M19 – PARIS-SACLAY 15/05/2017-19/05/2017	*Deterministic networked control: new entropy and information concepts*	**Girish Nair,** *University of Melbourne, Australia* **& Christoph Kawan,** *University of Passau, Germany*
M20 – ISTANBUL(Turkey) 15/05/2017-19/05/2017	*Practical adaptive control*	**Anurhanda Annaswamy,** *MIT, USA*
M21 – PARIS-SACLAY 29/05/2017-02/06/2017	*Switched systems and control*	**Daniel M. Liberzon,** *University of Illinois, USA*
M22–ST PETERSBURG(Russia) 29/05/2017-02/06/2017	*Nonlinear observers: applications to aerial robotic systems*	**Robert Mahony, Jochen Trumpf**, *Australian Nat. Univ* **& Tarek Hamel,** *CNRS, Sophia-Antipolis, France*
M23 – PARIS-SACLAY 06/06/2017-09/06/2017	*Modern Sliding Mode Control*	**Leonid Fridman & Jaime A. Moreno Pérez** *UNAM, Mexico*

Chair: Francoise Lamnabhi-Lagarrigue <lamnabhi@l2s.centralesupelec.fr>