

18 Independent Graduate Modules, 21-hours module per week (3 ECTS max)

Deadline for early registration: - modules **M01 to M02: 29/01/2024**

- modules **M03 to M18: 15/03/2024**

Enquiries: admin-eeci@centralesupelec.fr

M01 OXFORD 12/02/2024-16/02/2024	<i>Optimization and Control of Complex Multi-Agent Systems: Theory and Applications</i>	Kostas Margellos, University of Oxford, UK; Alessandro Falsone & Maria Prandini, Politecnico di Milano, Italy
M02 ROME 04/03/2024-08/03/2024	<i>Dissipativity in Optimal Control - Turnpikes, Predictive Control, and Uncertainty</i>	Lars Grüne, University of Bayreuth, Germany Timm Faulwasser, TU Dortmund, Germany
M03 BESANÇON 08/04/2024-12/04/2024	<i>Modelling and control of distributed parameter systems : The port Hamiltonian approach</i>	Yann Le Gorrec, ENS2M, France; Hans Zwart, University of Twente, the Netherlands
M04 BIRMINGHAM 15/04/2024-19/04/2024	<i>Game Theory with Engineering Application</i>	Dario Bauso, University of Groningen, Netherlands; Leonardo Stella, University of Birmingham, UK
M05 NANTES 22/04/2024-26/04/2024	<i>Introduction for finite-, fixed- and prescribed-time control and estimation</i>	Denis Efimov & Andrei Polyakov, INRIA, France; Jean-Pierre Barbot, ENSEA, France
M06 TOULOUSE 29/04/2024-03/05/2024	<i>Sparsity and Big Data in Control, Systems Identification and Machine Learning</i>	Mario Sznajder, Northeastern Univ., USA
M07 BARCELONA 06/05/2024-10/05/2024	<i>Data-Driven Operation of Autonomous Power Systems</i>	Florian Dörfler & Saverio Bolognani, ETHZ, Switzerland
M08 PARIS - SACLAY 13/05/2024-17/05/2024	<i>Climbing the ladder: from nonlinear control to robot locomotion</i>	Manfredi Maggiore, University of Toronto, Canada
M09 STUTTGART 13/05/2024-17/05/2024	<i>Dissipation Inequalities and Quadratic Constraints for Control, Optimization, and Learning</i>	Murat Arcak, UC Berkeley, USA; Peter Seiler, University of Michigan, USA
M10 MONTPELLIER 20/05/2024-24/05/2024	<i>Control Of Biological Systems: From The Cell To The Environment</i>	Denis Dochain, UCLouvain, Belgium
M11 LOUVAIN LA NEUVE 27/05/2024-31/05/2024	<i>Formal Methods in Control Design: Abstraction, Optimization and Data-driven Approaches</i>	Calin A. Belta, Boston University, USA; Antoine Girard, CNRS, Univ. Paris-Saclay, France
M12 PARIS - SACLAY 03/06/2024-07/06/2024	<i>Introduction to nonlinear systems & control</i>	Hassan K. Khalil, Michigan State University, USA
M13 MARSEILLE 03/06/2024-07/06/2024	<i>Introduction to Discrete Event Systems</i>	Stéphane Lafortune, University of Michigan, USA; Christos Cassandras, Boston University, USA
M14 STOCKHOLM 10/06/2024-14/06/2024	<i>Gradient Flows and Optimization over Networks</i>	Julien Hendrickx, UC Louvain, Belgium; Bahman Ghahserifard, UC Los Angeles, USA
M15 PADOVA 11/06/2024-14/06/2024	<i>Theory and Applications of Contracting Dynamical Systems</i>	Francesco Bullo, UC Santa Barbara, USA
M16 TRONDHEIM 17/06/2024-21/06/2024	<i>Equivariant observers: applications to autonomous systems</i>	Robert Mahony & Jochen Trumpf, Australian Nat. Univ., Australia; Tarek Hamel, Université Côte d'Azur, France
M17 OXFORD 24/06/2024-28/06/2024	<i>The scenario approach: data science for systems, control, and machine learning</i>	Marco C. Campi, University of Brescia, Italy; Simone Garatti, Politecnico di Milano, Italy
M18 DUBROVNIK 01/07/2024-05/07/2024	<i>Control and Machine Learning</i>	Martin Lazar, University of Dubrovnik; Enrique Zuazua, Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany

Antoine Girard, Elena Panteley

<antoine.girard@l2s.centralesupelec.fr>, <elena.panteley@l2s.centralesupelec.fr>