

HYCON-EECI Graduate School on Control

www.eeci-institute.eu
Spring 2009

16 INDEPENDENT MODULES - one 21 hours module per week

Eligible for 2nd Year Master Degree credits and Scientific Thesis modules

Location : Supelec – South of Paris

Deadline for ADVANCE REGISTRATION to each module : 18/12/2008

M1 12/01/2009 - 16/01/2009	<i>Verification and Control of Nonlinear and Hybrid Systems</i>	Alexandre Bayen / Ian Mitchell
M2 19/01/2009 - 23/01/2009	<i>Nonlinear Output Regulation</i>	Alberto Isidori
M3 26/01/2009 - 30/01/2009	<i>Stabilization of Nonlinear Dynamical Systems</i>	Laurent Praly
M4 02/02/2009 - 06/02/2009	<i>The Behavioral Approach to Modeling and Control</i>	Jan C. Willems / Paolo Rapisarda
M5 09/02/2009 - 13/02/2009	<i>Optimality, Stabilization, and Feedback in Nonlinear Control</i>	Francis Clarke
M6 16/02/2009 - 20/02/2009	<i>A Geometric Approach to Nonlinear Systems</i>	Ravi Banavar
M7 23/02/2009 - 27/02/2009	<i>Control of Hyperbolic Systems</i>	Georges Bastin / Christophe Prieur
M8 02/03/2009 - 06/03/2009	<i>Mathematical Modeling of Communication Protocols</i>	Fabian Wirth
M9 09/03/2009 - 13/03/2009	<i>Chronological Calculus: Analysis and Approximation of Systems</i>	Matthias Kawski
M10 16/03/2009 - 20/03/2009	<i>Networked Control Systems</i>	Richard Murray / Vijay Gupta
M11 23/03/2009 - 27/03/2009	<i>Switched Systems and Control</i>	Daniel Liberzon / Jamal Daafouz
M12 30/03/2009 - 03/04/2009	<i>LMI in Control</i>	Carsten Scherer / Siep Weiland
M13 06/04/2009 - 10/04/2009	<i>Port-Hamiltonian Systems: from Geometric Network Modeling to Control</i>	Arjan van der Schaft / Dimitri Jeltsema
M14 14/04/2009 - 17/04/2009	<i>Model Predictive Control</i>	Eduardo F. Camacho
M15 27/04/2009 - 30/04/2009	<i>The use of Poisson Processes in Modeling and Nonlinear Control</i>	Roger Brockett
M16 04/05/2009 - 08/05/2009	<i>LMI, Optimization and Polynomial Methods</i>	Didier Henrion

Financial support for Master or PhD student: up to 500 EUR per module