

## HYCON-EECI Graduate School on Control

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Spring 2009

**14 INDEPENDENT MODULES** - one 21 hours module per week

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

**Location :** Supelec, Gif-sur-Yvette – South of Paris

### FINAL PROGRAMME:

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