

**INTERNATIONAL CONFERENCE ON
MODELING, ESTIMATION AND CONTROL**

**Scuola Grande di S. Giovanni Evangelista, Venice
October 4-5, 2007**

Final Program

Thursday, October 4th, 2007 - Morning

8:15 - 8:45	Registration
8:45 - 9:00	Welcome
9:00 - 9:25	Masanao Aoki <i>A Class of Growth Phenomena with Non-self Averaging Thermodynamic Limits</i>
9:25 - 9:50	Chris Byrnes <i>Differential Forms and Dynamical Systems</i>
9:50 - 10:15	Peter Caines <i>An Algebraic Framework for Bayes Nets of Time Series</i>
10:15 - 10:50	COFFEE BREAK
10:50 - 11:15	Marco Campi <i>How Many Experiments Are Needed to Adapt?</i>
11:15 - 11:40	Manfred Deistler <i>A Birds Eye View on System Identification</i>
11:40 - 12:05	Bart De Moor <i>A Mutual Information Based Distance for Multivariate Gaussian Processes</i>
12:05 - 12:30	Paul Fuhrmann <i>Tensored Polynomial Models</i>
12:30 - 14:00	LUNCH (Served at the Conference site)

Thursday, October 4th, 2007 - Afternoon

14:00 - 14:25	Laszlo Gerencsér <i>Identification of Hidden Markov Models - Uniform LLN-s</i>
14:25 - 14:50	Michel Gevers <i>Identifiability and Informative Experiments in Open and Closed-Loop Identification</i>
14:50 - 15:15	Xiaoming Hu <i>Observation and control of nonlinear mobile systems</i>
15:15 - 15:40	Jan Van Schuppen <i>Stochastic Realization for Stochastic Control with Partial Observations</i>
15:40 - 16:05	Harold Kushner <i>Scheduling and Control of Mobile Communications Networks with Randomly Time Varying Channels by Stability Methods</i>
16:05 - 16:40	COFFEE BREAK
16:40 - 17:05	Lennart Ljung <i>Global Identifiability of Complex Models, Constructed from Simple Submodels</i>
17:05 - 17:30	Clyde Martin <i>The Control of Error in Numerical Methods</i>
17:30 - 17:55	György Michaletzky <i>On Interpolation and the Kimura-Goergiou Parametrization</i>
17:55 - 18:20	Sanjoy Mitter <i>Bayesian Inference and Statistical Mechanics</i>

Friday, October 5th, 2007

9:00 - 9:25	Anders Lindquist <i>Prediction-Error Approximation by Convex Optimization</i>
9:25 - 9:50	Carmeliza Navasca <i>Patchy Solutions of the Hamilton-Jacobi-Bellman Partial Differential Equations</i>
9:50 - 10:15	Pietro Perona <i>A Perspective on the Perfect Portrait</i>
10:15 - 10:40	Thomas J. Taylor <i>Canonical Operators on Graphs</i>
10:40 - 11:15	COFFEE BREAK
11:15 - 11:40	Stefano Soatto <i>Comparing Time Series and Dynamical Models</i>
11:40 - 12:05	Bo Wahlberg <i>Experiences from Subspace System Identification - Comments from Process Industry Users and Researchers</i>
12:05 - 12:30	Jan Willems <i>Recursive Computation of the MPUM</i>
12:30 - 12:55	Yutaka Yamamoto <i>New Development of Digital Signal Processing Via Sampled-Data Control Theory</i>
13:00 - 14:30	LUNCH (Served at the Conference site)