

**Monday 27th: 9:00 Welcome****9:20 Introduction (N. Petit)****9:30 J.-M. Coron**

Lyapunov functions and stabilization of hyperbolic systems

**10:15 Zhong-Ping Jiang**

Network small-gain theorems with applications in quantized and event-triggered nonlinear control

**11:00 break****11:15 L. Marconi**

High-gain nonlinear observers with limited gain power

**12:00 Lunch****14:00 M. Krstic**

An ODE observer for Lyapunov-based global stabilization of a bioreactor nonlinear PDE

**14:45 C. Prieur**

Asymptotic stabilization by means of event-triggered output feedbacks

**15:30 J. Lévine**

On state and input constraints in nonlinear systems

**16:15 J.-B. Pomet**

From adaptive control to periodic stabilization to the geometry of averaging in control

**Tuesday 28th: 9:00 Welcome****9:30 F. Wirth**

Large-scale distributed optimization with a single bit

**10:15 V. Andrieu**

Global transverse exponential stability

**11:00 break****11:15 A. Teel**

Recent developments for stochastic hybrid systems

**12:00 Lunch****14:00 A. Astolfi**

Model reduction for nonlinear systems

**14:45 F. Mazenc**

Continuous-Discrete Observers for Time-Varying Nonlinear Systems: A Tutorial on Recent Results

**15:30 P. Rouchon**

Models and state tomography of open quantum systems

**16:15 closing (N. Petit. L Praly)****16:40 Farewell**