ANR Project HANDY

Kick-Off meeting
LAAS-CNRS, Toulouse
April 1-2, 2019

PROGRAM

Monday at 14h00 in salle Hourgade

14h00 - 14h20 : Welcome and introduction (Luca Zaccarian)
14h20 - 15h40: Presentation of PhD and PD topics (20 min for each topic, with discussions)
 1) Interconnected hybrid systems and application to opinion dynamics (Romain Postoyan)
 2) Dissipativity and dissipativation of discrete-time switched systems (Marc Jungers)
 3) New dynamic event-triggering mechanisms for nonlinear systems (Sophie Tarbouriech)
 4) Some preliminary results and ideas on open systems (Paolo Frasca)

15h40 - 16h10: coffee break with discussions

16h10 - 17h00 : Contracts for Invariance in Asynchronous Networked Sampled-Data Systems (Antoine Girard)
17h00 - 17h20: Stability analysis of piecewise and discrete-time systems (Giorgio Valmorbida)
17h20 - 17h40: Almost Everywhere Conditions for Hybrid Lipschitz Lyapunov Functions (Matteo Della Rossa - work with Zaccarian/Tanwani)
17h40 - 18h00: Presentation of the HANDY web site with follow-up discussions (Luca Zaccarian)

Tuesday at 9h00 in salle Europe

9h00 – 9h50: Inter-event times analysis for planar linear event-triggered controlled systems (Romain Postoyan)
9h50 - 10h10: Synchronization in networks of heterogeneous oscillators: analysis using singular perturbations (Elena Panteley)
10h10 - 10h30 : Dynamic Reset Output Feedback Control (Francesco Ferrante)

10h30 - 11h00: coffee break with discussions

11h00 - 12h00: exchanges and discussions

12h00: Buffet and greetings