

Groupe de Travail Méthodes et Outils pour la Synthèse et l'Analyse en Robustesse (MOSAR) - Systèmes à Retards (SAR)

Réunion du 27 Septembre 2015

LAAS - CNRS

7 avenue du Colonel Roche, 31031 Toulouse cedex 4, Salle Europe

Information utile : voir [plan d'accès](#)

PROGRAMME

9h00 Accueil

9h30–10h10 H2-optimal model approximation by structured time-delay reduced order models

[Igor Pontes-Duff](#) (Onera Toulouse, France), Charles Poussot-Vassal, Cédric Seren

10h10–10h50 Stability analysis of time-delay systems via Bessel inequality : a quadratic separation approach

Y. Ariba, F. Gouaisbaut, A. Seuret and [D. Peaucelle](#) (LAAS-CNRS, Toulouse, France)

10h50–11h10 : Pause

11h10–11h50 Stability Analysis of Neutral Type Time-Delay Positive Systems

[Yoshio Ebihara](#) (Kyoto University, Japan)

11h50–12h30 Towards more general stability analysis of systems with delay-dependent coefficients

Keqin Gu, [Chi Jin](#) (IPSA & L2S Supélec - CNRS - Université Paris Sud, France), Islam Boussaada, Silviu-Iulian Niculescu

12h30 Repas

14h30–15h10 Robustness of an adaptive predictor-based output feedback for a wave PDE in presence of in-domain viscous damping

Christophe Roman, [Delphine Bresch-Pietri](#) (GIPSA-Lab Grenoble, France), Christophe Prieur and Olivier Sename

15h10–15h50 volutionary fixed-structure robust controller tuning against multiple requirements in Matlab and Simulink - Presentation of HinfStoch_ControllerTuning

[Philippe Feyel](#) (SAGEM, Toulouse, France)

15h50–16h30 Discussion et points divers