Summary of the publications

- 27(+1) publications in international (national) journals;
- 62(+6) publications in international (national) conferences;
- 11 chapters in collective books and editor of 2 collective books.
- 3 projects deliverables.
- 1 Patent

Publications List

(1) Articles published in Journals

International Journals :


National Journals (French)


(2) Conference articles :

In international conferences :


2.5 J. Anthonis, W. Fraussens, A. Seuret, J.-P. Richard and H. Ramon, “Two control laws for a spray system with time varying delay and dead band”, IFAC World Congress 2005, reg. paper 4365, session 389, Prague, Czech Republic, July 2005 ;


2.14 A. Seuret, C. Edwards and S.K. Spurgeon, “Static output feedback sliding mode control design via an artificial stabilizing delay”, IFAC World Congress, Seoul, Korea, 2008;

2.15 A. Seuret and J.-P. Richard, “Control of a remote system over network including delays and packet dropout”, IFAC World Congress in the Invited Session on "Interconnected Systems", Seoul, Korea, 2008;


2.20 A. Seuret and K.H. Johansson “Networked control under time-synchronization errors”, in 8th IFAC Workshop on Time Delay systems, Sinaia, Romania, 2009.


2.29 L. Briñon Arranz, A. Seuret and C. Canudas de Wit, “Elastic Formation Control Based on Affine Transformations”, to be presented in IEEE ACC’11, American Control Conference, San Francisco, California, USA, 2011.


2.32 A. Seuret and J.M. Gomes Da Silva Jr., “Networked control : taking into account sample period variations and actuators saturation”, to be presented in IFAC World Congress, Milan, Italy, 2011.


2.34 A. Seuret and M.M. Peet, “Sum of squares for stability of sampled-data systems”, to be presented in IFAC World Congress, Milan, Italy, 2011.


2.36 P.J. Andrianiaina, A. Seuret and D. Simon, “Robust control under weakened real-time constraints”, in Proceedings of the 50th IEEE Conference on Decision and Control, CDC’11, Orlando, USA, 2011.


In national conferences (French speaking):


(3) Books :


(4) Chapters in collective books :


(5) Internal reports and delivrables:

5.1 D4d.5.3 - Final report on results on the industrial test case, HyCON.
5.2 D01.1 - Classification of networked control systems, FeedNetBack.
5.3 D04.03 - Design of robust variable rate controllers, FeedNetBack.

(6) Patents:

6.1 P. Andrianiaina, A. Seuret and D Simon, Robust system control method with short execution deadlines
US Patent 9,164,796.