Workshop on Aerospace Systems and Control

American Control Conference, Montreal, June 26, 2012

Concordia University is proposing a 4-6 hour workshop on aerospace systems and control to be held at the American Control Conference in Montreal, June 26, 2012. Aerospace systems is one of the two main themes of the conference. The following areas of interest were identified for the workshop:

- Modeling of aerospace systems (including flutter phenomena, single aerospace vehicles, formations of multiple vehicles, spacecraft and aerobatic vehicles)
- Path planning and optimization of trajectories
- Analysis and synthesis of autopilots, fly-by-wire and fly-by-wireless for single vehicles and for formation applications
- New optimization-based computer-aided analysis and synthesis tools for aerospace applications using Matlab/Simulink
- Energy-efficient autopilot design
- Flight simulation and hardware implementations

For more information in the conference please see http://a2c2.org/conferences/acc2012/index.php.

If your company is interested in participating and/or co-organizing the workshop please contact Prof. Luis Rodrigues before October 27, 2011.

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