

# 8th IFAC Symposium Robust Control Design (ROCOND'15)



July 8 - 11, 2015  
Bratislava, Slovakia

## ABOUT

ROCOND'15 is the eighth event on the subject of robust control design organized once per triennium. Previous meetings were held in Rio de Janeiro (1994), Budapest (1997), Prague (2000), Milan (2003), Toulouse (2006), Haifa (2009), and Aalborg (2012).

The symposium focuses on robust control methods and algorithms, new control systems, information and communication technologies and their industrial applications. Main aim is to provide a general forum for researchers, teachers and users from practice dealing with practical problems of robust control. Technical program includes invited talks of leading personalities in control engineering.

## TECHNICAL PROGRAM

	Wednesday, July 8
16:00 – 18:00	Registration
15:00 – 17:30	Tutorial (Melody Suite) Robust Control Design by the Performance Portrait (M. Huba, SK)
	Thursday, July 9
8:30 - 9:00	Opening Ceremony (Carlton Hall)
8:45 – 9:45	Plenary Session (Carlton Hall) Stability of Time Delay Systems (V. Kharitonov, RU – Honorary Chair of ROCOND´15)
10:15 – 11:55	Regular Sessions H-Infinity and Robust Stabilization (Melody Suite) Computational Methods (Symphony Suite) Robust Adaptive Control (Rhapsody Suite)
13:30 – 14:30	Plenary Session (Carlton Hall) Control Theory and Its Impact on Society (V. Kučera, CZ - IFAC President's Representative for ROCOND´15)
15:00 – 17:00	Regular Sessions LMI and Convex Optimization I (Melody Suite) Robust Stability and Performance I (Symphony Suite)
	Friday, July 10
8:30 – 9:30	Plenary Lecture (Carlton Hall) LMI Hierarchies in Robust Control (D. Henrion and D. Peaucelle, FR)
10:00 – 12:00	Regular Sessions LMI and Convex Optimization II (Melody Suite) Robust Stability and Performance II (Symphony Suite)
13:30 – 14:30	Plenary Session (Carlton Hall) Convex Gain-Scheduling Design Algorithms (C. W. Scherer, DE)
15:00 – 17:00	Regular Sessions Robust Nonlinear Control (Melody Suite) Parametric Uncertainties (Symphony Suite)
	Saturday, July 11
8:30 – 9:30	Plenary Session (Carlton Hall) Robust MPC Design, Future and Practical Applications (E. Camacho, ES)
10:00 – 12:00	Technical Sessions Robust Model Predictive Control (Melody Suite) Switched and Networked Control Systems (Symphony Suite)
13:30 - 14:30	Plenary Lecture (Carlton Hall) Sampled-Data Control Systems: Analysis, Design and Applications (J. C. Geromel, BR)
15:00 – 17:00	Technical Sessions Frequency Domain Methods (Melody Suite) Robust Control and Applications (Symphony Suite)
17:00	Closing Ceremony

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