Workshop on Networks and Control

Wednesday 5 July 2017

A workshop to mark the contributions of Malcolm Smith to the Control field in celebration of his 60th birthday

PROGRAMME

Lectures will be held in the Bateman Auditorium,	Gonville and Caius College, Trip	nity Street, Cambridge, UK
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Lectures	Lectures will be held in the Bateman Auditorium, Gonville and Caius College, Trinity Street, Cambridge, UK			
	9:15 Registration and coffee	(The Bateman Room)		
9:50	Keith Glover	Welcome		
	(University of Cambridge)			
CHAIR: Gavin Walker (The MathWorks)				
10:00	M. Vidyasagar	A new look at an old problem: Partial realization via		
	(University of Texas at Dallas)	compressed sensing		
10:25	Shinji Hara	Hierarchically Cooperative Control Towards "Wa"		
	(Chuo University, Japan)	(Harmony)		
10:50	Timothy Hughes	A generating set for the class of series-parallel		
	(University of Cambridge)	minimally reactive bicubic impedances		
11:15 Coffee (The Bateman Room)				
CHAIR: Fu-Cheng Wang (National Taiwan University)				
11:45	Yutaka Yamamoto	Tracking beyond the Nyquist frequency in sampled-		
	(Kyoto University)	data systems		
12:10	Jason Jiang	Positive-real functions: regularity, essential regularity,		
	(University of Bristol)	and a structure-immittance format		
12:35	Patrick Dewilde	Emergent behavior (an attempt at synthesis between		
	(Technische Universität München)	chaos theory and philosophy)		
13:00	Group photograph	W 2 ()		
	13:10 Lunch (Gor	•		
CHAIR: Jorge Goncalves (University of Luxembourg)				
14:00	Anders Rantzer	Adaptive control - What can we learn?		
44.25	(Lund University)			
14:25	Michael Chen (Naning University of Science and Technology)	Recent advances in the inerter and its applications		
14.50	(Nanjing University of Science and Technology)			
14:50	Dick Glover (McLaren Applied Technologies)	Three Control Topics at McLaren		
	(McLaren Applied Technologies)			
	15.15 Tea (The Bat	eman Room)		
CHAIR: Rodolphe Sepulchre (University of Cambridge)				
15:45	Glenn Vinnicombe	Engineering robust oscillations in the cell		
	(University of Cambridge)			
16:10	Tryphon Georgiou	Malcolm C. Smith, a third of a century in Systems,		
	(University of California, Irvine)	Control & Circuits: personal reminiscences and more		
16:45	CLOSE			
10.00	Interval	anal)		
18:00	Concert by Gonville and Caius Chapel Choir (Chapel)			
18:40	Preprandial drinks (Gonville Court)			
19:30	Conference Banquet (Hall) Restaurandial drinks (Senior Combination Boom)			
21:30	Postprandial drinks (Senior Combination Room)			

