Programme DISC Summer School on
Data-Driven Modelling for Control

Center Parcs, Zandvoort, The Netherlands, June 16-19, 2014

Monday, June 16, 2014   Introduction and goal oriented identification

09.00 – 11.00	Registration and opening	
11.00 – 12.30	Michel Gevers	System Identification in a Historical Perspective
12.45 – 14.00	Lunch	
14.00 – 15.45	Lennart Ljung (1)	System Identification: an Overview
15.45 – 16.15	Break	
16.15 – 18.00	Hakan Hjalmarsson (1)	Goal Oriented Identification
19.00	Dinner	

Tuesday, June 17, 2014   Regularization and frequency domain

08.45 – 10.30	Lennart Ljung (2)	Bias/Variance Tradeoff and Regularization Techniques in System Identification
10.30 – 10.45	Break	
10.45 – 12.30	Alessandro Chiuso (1)	Bayesian Approaches to System Identification
12.45 – 14.00	Lunch	
14.00 – 15.45	Xavier Bombois / Hakan Hjalmarsson	Design of Least Costly Identification Experiments Glimpses of Recent Developments in Experimental Design
15.45 – 16.15	Break	
16.15 – 18.00	Johan Schoukens (1)	Frequency Domain Identification
19.00	Dinner	

Wednesday, June 18, 2014   Nonlinear and subspace ID

08.45 – 10.30	Johan Schoukens (2)	Nonlinear Aspects in Identification
10.30 – 10.45	Break	
10.45 – 12.30	Roland Toth	Identification of Linear Parameter-Varying Models
12.45 – 14.00	Lunch	
14.00 – 16.00	Michel Verhaegen	Subspace Identification: From its origin to today…
16.00 – 16.20	Break	
16:20 – 17:20	Tom Oomen	Identification for Control: Classical Results, New Ideas and Application to High-tech Systems
18.00 – 19.45		TV broadcast WK soccer match Australia – Netherlands
20.00	Dinner	

Thursday, June 19, 2014   Structured systems

08.45 – 10.30	Arne Dankers/ Paul Van den Hof	System Identification in Dynamic Networks
10.30 – 10.45	Break	
10.45 – 12.30	Alessandro Chiuso (2)	Dynamic Networks and Variable Selection: a Bayesian view
12.45 – 14.00	Lunch	
14.00 – 14.45	Hakan Hjalmarsson (3)	Structured Identification
15.00 – 15:45	Jorge Goncalves	Identification of Dynamic Networks
15.45 – 16.00	Closing	