

**Program DISC Summer School**  
Machine Learning for Control  
**NH Atlantic, The Hague, The Netherlands, June 18-21, 2018**

**Monday June 18, 2018**

08.45 – 10.15	Registration	
10.15 – 10.30	Organisers	Opening Summer School
10.30 – 12.00	Wolfram Burgard	Probalistic Robotics – A Tutorial (1)
12.00 – 13.15	Lunch	
13.15 – 14.45	Guido de Croon	Self-supervised Learning (1)
14.45 – 15.00	Break	
15.00 – 16.30	Guido de Croon	Self-supervised Learning (2)
16.30 – 16.45	Break	
16.45 – 18.15	Presentations	Pecha-Kucha presentations by participants
18.15 – 20.00	Dinner	

**Tuesday June 19, 2018**

08.45 – 10.15	Wolfram Burgard	Probalistic Robotics – A Tutorial (2)
10.15 – 10.30	Break	
10.30 – 12.00	Alessandro Chiuso	Bayesian methods & regularization for system identification (1)
12.00 – 13.15	Lunch	
13.15 – 14.45	Alessandro Chiuso	Bayesian methods & regularization for system identification (2)
14.45 – 15.00	Break	
15.00 – 15.45	Roland Toth	Data-driven learning of linear parameter-varying models and controllers
15.45 – 16.30	Presentations	Pecha-Kucha presentations by participants
16.30 – 18.15	Poster session	Participants
18.15 – 20.00	Dinner	

**Wednesday June 20, 2018**

08.45 – 10.15	Alessandro Chiuso	Bayesian methods & regularization for system identification (3)
10.15 – 10.30	Break	
10.30 – 12.00	Melanie Zeilinger	Learning-based Model Predictive Control
12.00 – 13.15	Lunch	
13.15 – 14.45	Melanie Zeilinger	Safe-Learning-based Control
14.45 – 15.00	Break	
15.00 – 16.30	Gerhard Neumann	Tutorial on Policy Search (1)
16.30 – 16.45	Break	
16.45 – 17.30	Jens Kober	Efficient (Deep) Reinforcement Learning
17.30 – 19.00	Poster session	Participants
19.00 – 21.00	BBQ	

**Thursday June 21, 2018**

08.45 – 10.15	Gerhard Neumann	Tutorial on Policy Search (2)
10.00 – 10.15	Break	
10.30 – 12.00	Gerhard Neumann	Tutorial on Policy Search (3)
12.00 – 13.15	Lunch	



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