

Scientific Network Regulation of Mobile Robots using MPC



Beyond Set Point Stabilization



5 – 6 March 2018, Berlin, Germany

Organizers

Timm Faulwasser

Jürgen Pannek

Marleen Stieler



Local organizer: Sergio Lucia, TU Berlin

Confirmed participants

Industry:

- Sebastian Albrecht (Siemens Corporate Technology)
- Joachim Ferreau (ABB Corporate Research)
- Kim Listmann (ABB Corporate Research)
- Benjamin Gutjahr (BMW)

Academia:

- Timm Faulwasser (Karlsruher Institut für Technologie)
- Pontus Gieselsson (Lund University, Sweden)
- Boris Houska (ShanghaiTech, China)
- Sergio Lucia (TU Berlin)
- Matthias A. Müller (Universität Stuttgart)
- Sina Ober-Blöbaum (University of Oxford, UK)
- Jürgen Pannek (Universität Bremen)
- Moritz Schulze Darup (Universität Paderborn)
- Marleen Stieler (Universität Bayreuth)
- Karl Worthmann (TU Ilmenau)
- Mario Zanon (IMT School for Advanced Studies Lucca, Italy)

General Information

Venue

Einstein Center Digital Future <https://www.digital-future.berlin/>
Address: Robert-Koch-Forum, Wilhelmstraße 67, 10117 Berlin

Accommodation

Hotel NH Collection Berlin Friedrichstrasse
Address: Friedrichstr. 96, 10117 Berlin - Deutschland

Program

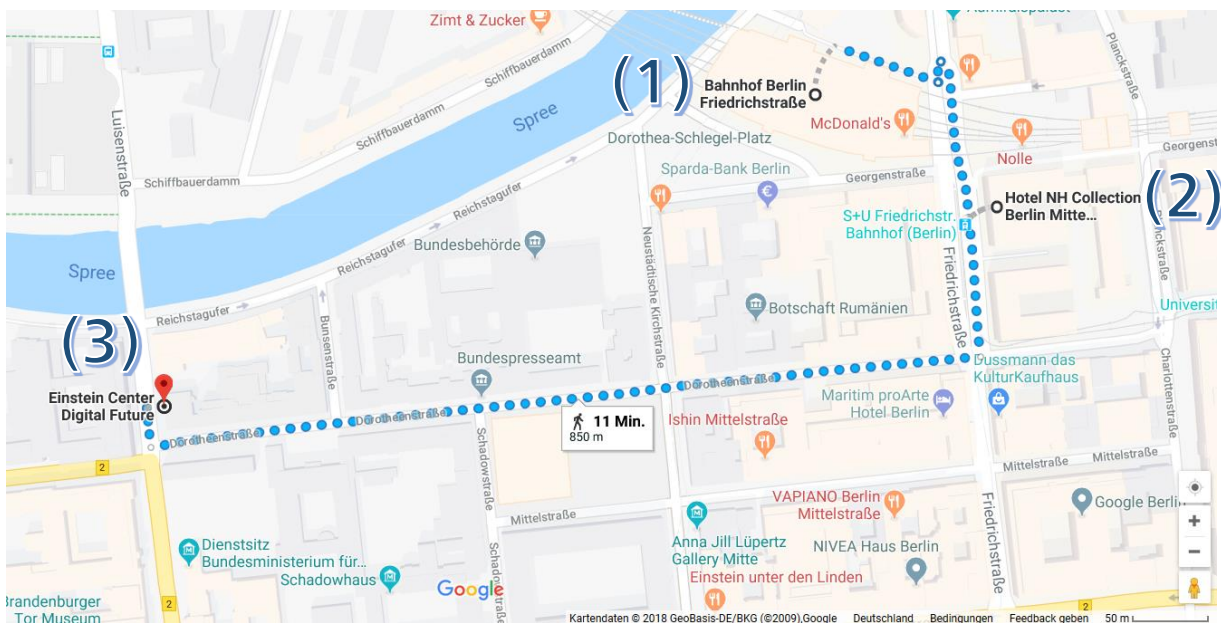
Monday, 5 March				
10:00 – 10:05	Welcome			
10:05 – 11:45	Talks by our guests from industry , which are approx. 25 minutes including discussion. Chair: Timm Faulwasser			
10:05 – 10:30	Sebastian Albrecht:			
10:30 – 10:55	Joachim Ferreau:			
10:55 – 11:20	Kim Listmann:			
11:20 – 11:45	Benjamin Gutjahr:			
11:45 – 13:15	Poster session & luncheon			
13:15 – 15:15	Speed dating in groups , Chair: Marleen Stieler			
	S. Albrecht	J. Ferreau	K. Listmann	B. Gutjahr
13:15 – 13:45	Group 1	Group 2	Group 3	Group 4
13:45 – 14:15	Group 2	Group 3	Group 4	Group 1
14:15 – 14:45	Group 3	Group 4	Group 1	Group 2
14:45 – 15:15	Group 4	Group 1	Group 2	Group 3
15:15 – 16:00	<i>Coffee break</i>			
16:00 – 18:00	Bilateral discussions , Chair: Jürgen Pannek			
19:00	Dinner at „Die Eins“ (http://www.dieeins-restaurant.de/) Address: Wilhelmstraße 67a, 10117 Berlin			

Groups			
Group 1	Group 2	Group 3	Group 4
Timm Faulwasser	Matthias A. Müller	Pontus Gieselsson	Sergio Lucia
Mario Zanon	Sina Ober-Blöbaum	Boris Houska	Moritz Schulze Darup
	Jürgen Pannek	Marleen Stieler	Karl Worthmann

Tuesday, 6 March	
08:00 – 09:00	<i>Breakfast together</i>
09:30 – 10:15	Discussion on dissemination/book
10:15 – 12:00	Bilateral discussions
12:00 – 13:30	<i>Lunch</i>
13:30	Bilateral discussions

Venue & Accommodation

- (1) **Bahnhof Berlin Friedrichstraße**
Georgenstraße 14/17, 10117 Berlin
- (2) **Hotel NH Collection Berlin Friedrichstrasse**
Friedrichstr. 96, 10117 Berlin
- (3) **Einstein Center Digital Future** <https://www.digital-future.berlin/>
Robert-Koch-Forum, Wilhelmstraße 67, 10117 Berlin



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Friedrichstraße**



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