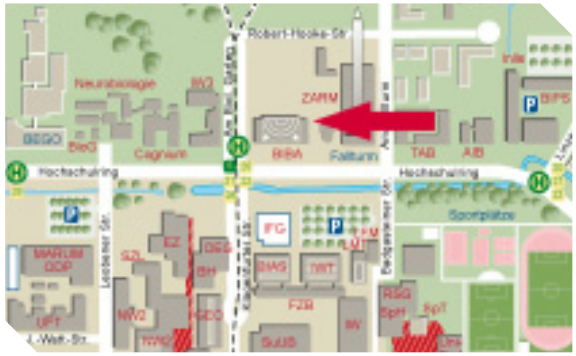
Venue

LogDynamics - Bremen Research Cluster for Dynamics in Logistics

Universität Bremen
c/o BIBA - Bremer Institut für Produktion und Logistik GmbH
Hochschulring 20
28359 Bremen
Germany



Organizers

University of Bremen

Log*Dynamics*

Prof. Dr. Tobias Buer

Prof. Dr. Till Becker

Prof. Dr. Jürgen Pannek

Contact

LOGISS 2016
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LogDynamics

Log*Dynamics* Summer School (LOGISS) 2016

Control Interfaces in Logistics: Data and Algorithms

February 29 – March 4, 2016
Bremen, Germany

Universität Bremen*

*EXZELLENT.

LOGISS 2016

The 1st Log*Dynamics* Summer School (LOGISS) is organized by the Bremen Research Cluster for Dynamics in Logistics (Log*Dynamics*) of University of Bremen. The background of this summer school is to forge a seed of young researchers from different disciplines, who share the interest in mechanisms for coordination logistics decisions of autonomous agents.

The aims of LOGISS 2016, having the theme of **Control Interface in Logistics: Data and Algorithms**, is to introduce students to methods and tools to develop distributed control algorithms and interfaces.

The students will learn to create more effective and efficient control interfaces in logistics by using and combining logistics data. Furthermore, they will learn information and algorithmic properties, which may increase efficiency, reduce emissions, or create robust processes on free scales.

What to expect?

- Intensive tutorial lectures delivered by international lecturers from renowned university
- Tailor-made lab session after each lecture session
- Speed dating, a group dynamic generating activity among students and lecturers
- Field excursion to ArcelorMittal, the world's leading steel and mining company
- Social events and dinner
- Successful participants will receive a certificate

Target group

The Log*Dynamics* Summer School is designed for PhD and Master students who work on theses at the interface of Logistics, Computer Science, Industrial Engineering, or related fields.

Program

Monday, February 29, 2016
Control Theoretic Modeling
of Logistics Systems
Prof. Neil Duffie, PhD
University of Madison-Wisconsin, USA

Tuesday, March 1, 2016
Excursion to ArcelorMittal &
Speed Dating for Scientific Purpose
Dr.-Ing. Ingrid Rügge
LogDynamics, University of Bremen, Germany

Wednesday, March 2, 2016
Industry 4.0
Prof. Dr. Michael Henke
Technical University of Dortmund, Germany

Thursday, March 3, 2016
Complex Networks in Logistics
Dr. Olivia Woolley
ETH Zurich, Switzerland

Friday, March 4, 2016
Process Analysis using Machine Learning
Prof. Christopher Irgens, PhD
University of Strathclyde, UK

For a detailed program, please visit:
www.summerschool.logdynamics.de