



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
LogDynamics

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Contact

LOGISS 2016
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LogDynamics
Summer School
(LOGISS) 2016

Control Interfaces
in Logistics:
Data and Algorithms

February 29 –
March 4, 2016
Bremen, Germany



LOGISS 2016

The 1st *LogDynamics* Summer School (LOGISS) is organized by the Bremen Research Cluster for Dynamics in Logistics (*LogDynamics*) 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 the BLG High-Bay Warehouse, one of the largest in Europe, an example application of automated and smart logistics processes
- Social events and dinner
- Successful participants will receive a certificate



Target group

The *LogDynamics* 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

Sun, 28.02.2016

Get-Together and Registration

Mon, 29.02.2016

Control Theoretic Modeling of Logistics Systems

Prof. Neil Duffie, PhD

University of Madison-Wisconsin, USA

Tue, 01.03.2016

Speed Dating & Excursion to the BLG High-Bay Warehouse

Dr.-Ing. Ingrid Rügge

LogDynamics, University of Bremen, Germany

Wed, 02.03.2016

Industry 4.0

Prof. Dr. Michael Henke

Technical University of Dortmund, Germany

Thu, 03.03.2016

Complex Networks in Logistics

Dr. Olivia Woolley

ETH Zurich, Switzerland

Fri, 04.03.2016

Process Analysis using Machine Learning

Prof. Christopher Irgens, PhD

University of Strathclyde, UK

For a detailed program, please visit:

www.summerschool.logdynamics.de

