

1ST BALTIC AUTUMN SCHOOL



UNIVERSITÄT ZU LÜBECK
GRADUATE SCHOOL FOR COMPUTING
IN MEDICINE AND LIFE SCIENCES



Invited lecturers

Axel Hutt, Nancy
Stephen Coombes, Nottingham
James Bower, San Antonio/ Texas
Ranu Jung, Tempe/ Arizona
Erik De Schutter, Okinawa
Eckehard Olbrich, Leipzig
Winnie Jensen, Aalborg
Maira Steyn-Ross, Waikato/ NZ
Alistair Steyn-Ross, Waikato/ NZ
Maria Sanchez-Vives, Barcelona
Gaute Einevoll, Ås
Lisa Marshall, Lübeck
Jan Born, Lübeck
Hartmut Gehring, Lübeck

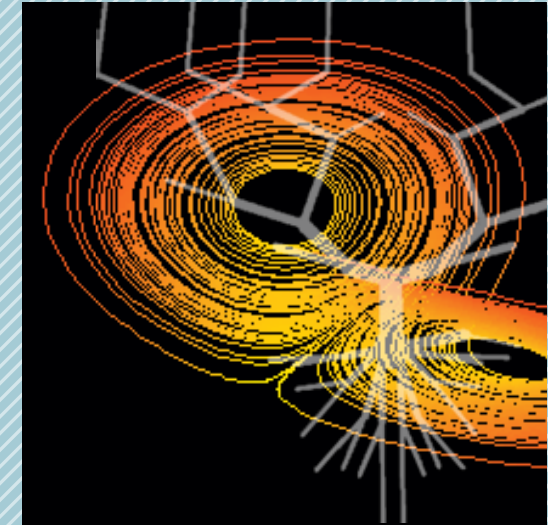


Fees and dates

Our school welcomes application of PhD students and early postdoctoral researchers. For application, please submit title and abstract of your research topic. Opportunity for poster presentation will be given at an extra poster session.

- Deadline for application: 21st July 2010
- Notification of acceptance: 5th August 2010 (Please notice: an abstract of research is required for notification)
- Registration fee: 250 € (Payment is due by 15th August 2010. Leftover slots will be filled according to waiting list.)

www.gradschool.uni-luebeck.de/~as10/
e-mail: as10@gradschool.uni-luebeck.de



Applied Computational Neuroscience

Sleep, Neuroengineering and Dynamics

20th-24th September 2010
Lübeck, Germany

1ST BALTIC AUTUMN SCHOOL

Im Focus das Leben.



SLEEP NEUROENGINEERING DYNAMICS

Venue

Lübeck, close to the baltic sea and surrounded by rivers and waterways, is an attractive world heritage city with a small vibrant university at the interface of medicine and computing.

The workshop will be held in an attractive downtown location, the roof lounge of the newly opened Hotel Atlantic, providing a breathtaking view on the city's Old Town and intimately close to touristic attractions and streetlife.

Accommodation

Accommodation is the responsibility of the participants. For your convenience we have reserved a contingent of double rooms at special rates at Hotel Atlantic (conference site) and at Hotel zur Alten Stadtmauer (10 minutes by foot), which will be available on a first-come first-served basis.

Social programme

MONDAY, 20 SEPTEMBER (EVENING)

Glad to have you here: welcome to Lübeck!

- welcome reception at Lübeck Town Hall

TUESDAY, 21 SEPTEMBER (MIDDAY BREAK)

Sites and sides of a modern Hanseatic City

- boat trip around Lübeck's picturesque old town
- alternatively: get to know some of the city's most attractive sites in a guided city walk

WEDNESDAY, 22 SEPTEMBER (AFTERNOON)

Trip to the Baltic Sea

- boat trip to seaside resort Travemünde
- climbing adventure at high ropes course
- alternatively: discover Travemünde in a guided city walk, enjoy the maritime flair and beach

THURSDAY, 23 SEPTEMBER (MIDDAY BREAK)

Medieval buildings - new perspectives

- no ordinary church visit: guided vault excursion at the gothic brick cathedral St. Mary's Church (Gewölbeführung)
- alternatively: visit at the world famous Holstentor

THURSDAY, 23 SEPTEMBER (EVENING)

Conference dinner

- we invite you to enjoy the hearty food and cozy atmosphere in the historic vaulted cellar „Kartoffel Keller“
- final: city walk through alleys and courtyards with nightwatchman

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In current neuroscience research and neurological treatment, experimental studies, computational neuroscience and neuroengineering are closely interwoven.

Our research-oriented autumn school focuses on interventions both on the microscale and on the macroscale, and on their theoretical modeling as dynamical systems: with application areas neuroprosthetics and brain-computer interfaces, sleep and anaesthesia modeling, and brain stimulation during sleep with their implications on neural plasticity and memory consolidation.

Organizers

Jens Christian Claussen
Ulrich Hofmann
Katja Dau (GS-CMLS-Events)



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