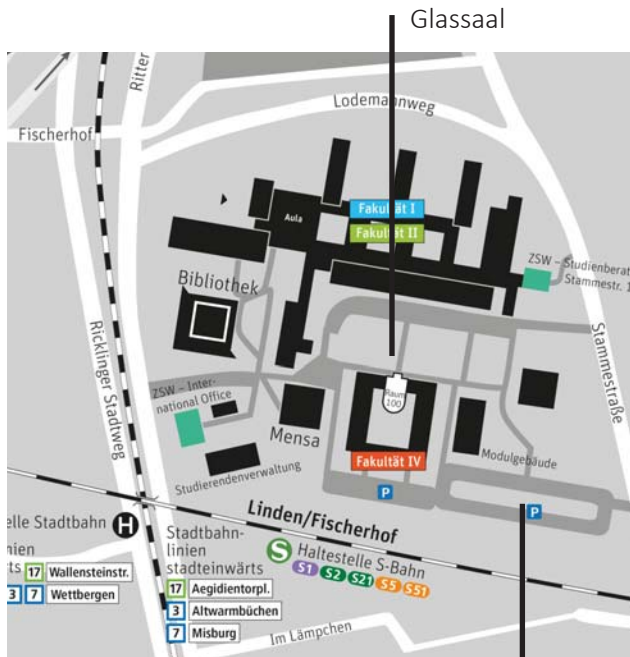


Guide

Address:
Ricklinger Stadtweg 120, 30459 Hannover



Map by HSH

Parking

By tram:
Station „Linden/Fischerhof“ via
3 or 7 direction „Wettbergen“ or
17 direction „Wallensteinstraße“

Detailed directions are available on:
www.hs-hannover.de/index.php?id=1149

hsn

The Hannover School for Nanotechnology (hsn), is a coordinated PhD-programme of the Laboratory of Nano and Quantum Engineering from Leibniz Universität Hannover together with the University of Applied Science and Arts in Hannover funded within the Lower Saxony PhD-programme. Involved in the programme are the disciplines of physics, chemistry, and engineering. The aim of the doctoral program is the interdisciplinary training of young scientists on the highly topical field of nanotechnology. The hsn has set itself the goal of providing outstanding education in excellent research projects with the shortest possible time to doctorate without quality loss.

www.hsn.uni-hannover.de

LNQE

The Laboratory of Nano and Quantum Engineering is an interdisciplinary Leibniz Research Center of the Leibniz Universität Hannover in the field of nanotechnology. Substantive goals are both excellent basic research as well as application-oriented engineering at the nanoscale accompanied by appropriate cross-disciplinary training. Currently there are 29 research groups from physics, chemistry and engineering involved. To achieve its objectives the Laboratory of Nano and Quantum Engineering operates a shared research building in Hanover, with laboratories, equipment, etc., and especially clean rooms.

www.LNQE.uni-hannover.de

Hannover School for Nanotechnology

Status Meeting 5th
Hannover

16.06.2016

Hochschule Hannover
Glassaal 100
Ricklinger Stadtweg 120
30459 Hannover

09:00 Greetings

09:10-10:50 Session 1

Electromigration to create nanoscale gaps for molecular electronics

Speaker: Atasi Chatterjee
Supervisor: H. Pfnür, F. Renz

In vitro and in vivo investigations of nanoparticle conjugates

Speaker: Katja Seidel
Supervisor: A. Kirschning, F. Renz

Effect of electroplating parameters on the magnetic properties of NiFeW alloy films

Speaker: Brij Mohan Mundotiya
Supervisor: L. Rissing, M. Wurz

Quantum nanoparticles doped polymer waveguides for light propagation

Speaker: Parva Chhantyal
Supervisors: C. Reinhardt, B. Chichkov

Evaluation of Porous Carbon CMK-3-based Coatings and Composites as Electrode Materials

Speaker: Dennes Nettelroth
Supervisor: P. Behrens, N. Guschanski

10:50 - 11:10 Coffee Break

11:10 - 12:30 Session 2

Near-infrared reflectance properties of prepared pigments and transparent conducting oxides

Speaker: Camilla Sehring
Supervisor: D. Bahnemann, P. Behrens

Porous silicon as anode material for lithium ion batteries

Speaker: Sascha Wolter
Supervisors: R. Brendel, D. Bahnemann

Energy Transfer and -conversion by Functionalized Nano-Bio-Fibers and Their Potential Biomedical Applications

Speaker: Manish Kumar
Supervisors: R. Sindelar, F. Renz

Spin noise spectroscopy on artificial atoms

Speaker: Julia Wiegand
Supervisor: M. Oestreich, F. Renz

Afterwards: Group Photo



Glassaal and Lecture Hall 100 at the Campus Linden of the University of Applied Science and Arts in Hannover (Photo: HsH).

12:30 – 12:50 Coffee Break

12:50 - 14:30 Session 3

GaAs epitaxy on virtual Ge substrates

Speaker: Andreas Grimm
Supervisors: T. Wietler, J. Osten

Tuning the optical properties of plasmonic nanostructures

Speaker: Torben Kodanek
Supervisors: D. Dorfs, J. Caro

Incorporation of Nitrogen into epitaxially grown Gd₂O₃ layer by ion implantation method

Speaker: Anit Joseph
Supervisors: J. Osten, T. Wietler

Spin Transition in Nanoscopic Polymer Composites

Speaker: Daniel Unruh
Supervisors: F. Renz, M. Oestreich, R. Sindelar

Twisted Graphene Bilayers: Morphology and Electronic Transport

Speaker: Johannes Rode
Supervisor: R. Haug, P. Behrens

14:30 End: Get-together with barbecue