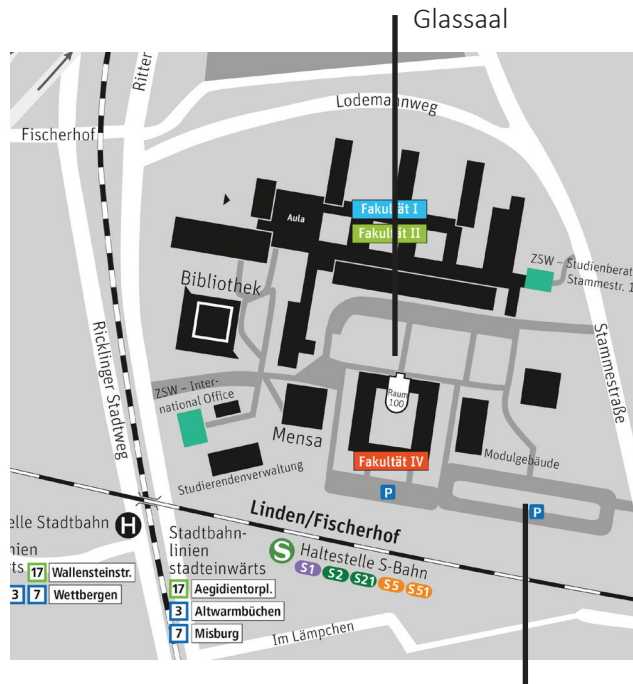


Travel Direction

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.lnqe.uni-hannover.de/en/research-centre/phd-programme-hsn/

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 31 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
of *hsn-sensors*
Hannover

18.01.2019

Hochschule Hannover
Glassaal 100
Ricklinger Stadtweg 120
30459 Hannover

10:00 Greetings by the Presidential Board of Hochschule Hannover

10:20-11:40 Session 1

Introduction of highly selective sorption sites to metal-organic frameworks for sensing applications

Speaker: **Malte Schäfer**

Supervisors: P. Behrens, S. Zimmermann

Tuning the sensing properties of a Zr-cal-MOF: particle size control and thin film growing

Speaker: **Marcel Schulz**

Supervisor: P. Behrens

Metal-organic frameworks (MOFs) as sensors

Speaker: **Ina Strauß**

Supervisors: J. Caro, N. Guschanski, T. Wietler

Determination of interface traps in $\text{Cu}_3(\text{BTC})_2$ MIS systems by conductance technique

Speaker: **Liz Margarita Montañez Huamán**

Supervisors: J. Osten, J. Caro

11:40 - 12:00 Short oral presentation of the posters

12:00 – 13:00 Posters session (with coffee, pre-zels), Afterwards: Group photo



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

13:00 – 14:40 Session II:

A three mode inertial sensor

Speaker: **Alexander Idel**

Supervisor: C. Klempt

Mononuclear Complexes as Building Blocks for Cyanide Bridged Molecular Switches

Speaker: **Dominik Natke**

Supervisors: F. Renz, R. Sindelar, C. Tegenkamp

Investigations on conceivable applications for cryogelated superstructures

Speaker: **Dennis Müller**

Supervisor: N. Bigall

Conductive nanorods generated by Cu exchange on contacted CdS/CdSe-rods

Speaker: **Benedikt Brechtken**

Supervisor: R. Haug, N. Bigall

Sorting of plastics based on lanthanide-containing luminescent tracers

Speaker: **Jacek Lecinski**

Supervisor: H.-J. Endres

14:40 - 15:00 hsn-sensors general meeting

15:00 End - Get-Together