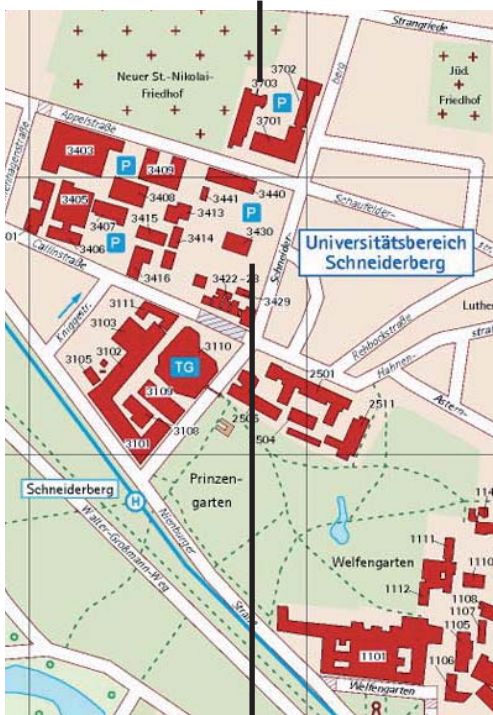


## Guide

Talks in the  
Multimedia Lecture Hall (3703)



Posters in the  
LNQE Research Building (3430)

You can reach us via the light rail lines 4 and 5 (stop Schneiderberg) or through the lines 6 and 11 (stop Kopernikusstr). The Research Building is on the Schneiderberg 39 on a small side road, which lacks the road Schneiderberg and supplies to the Electrical Engineering Building. Directly in front of the Research Building is a large parking lot.

For more information visit  
[www.LNQE.uni-hannover.de](http://www.LNQE.uni-hannover.de)



## NanoDay 2016

On Thursday 29th September 2016 the annual NanoDay of the Laboratory of Nano and Quantum Engineering will take place in Hannover/Germany. In eight lectures and a poster session the latest research results from the interdisciplinary working groups in the field of nanotechnology will be presented.

Guests are welcome!

## Laboratory of Nano and Quantum Engineering

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.

## Supported by:

LEIBNIZ UNIVERSITÄTSGESELLSCHAFT  
HANNOVER e.V.



**SPRINGER NATURE**

# NanoDay 2016

Hannover  
Thursday 29.09.2016  
9:00 - 16:45

Talks:  
Technical Computer Science  
(Building 3703)  
Appelstr. 4  
30167 Hannover  
Multimedia Lecture Hall

Poster Session:  
Laboratory of  
Nano and Quantum Engineering  
(Building 3430)  
Schneiderberg 39  
30167 Hannover  
Foyer

09:00 Greetings (in the multimedia lecture hall)

09:15 – 10:45 Session I

*Electronic transport through atomic wires*

Ilio Miccoli  
Institute for Solid State Physics,  
Atomic and Molecular Structures Section,  
Group Pfnür and Tegenkamp

*Dye Sensitized Solar Cells on Ceramics*

Manuel Fleisch  
Institute of Technical Chemistry,  
Group Bahnemann

*Quantum Sensing*

Waldemar Herr  
Institute of Quantum Optics,  
Group Rasel

10:45 – 11:15 Coffee break

11:15 – 12:15 Session II

*Nanoparticle Conjugates for Biomedical Applications*

Katja Seidel  
Hannover School for Nanotechnology &  
Institute of Organic Chemistry,  
Group Kirschning

*Investigating the influence of quantum nanoparticles in polymer waveguide*

Parva Chhantyal  
Hannover School for Nanotechnology &  
Laserzentrum Hannover,  
Group Chichkov

12:20 Conference photo

12:30 – 13:30 Lunch break

13:30 – 15:00 Poster session  
(in the LNQE research building)

15:00 – 16:30 Session III

*Single trapped ions as a nanosensor for microwave near-fields from scalable microstructures*

Martina Wahnschaffe  
Institute of Quantum Optics,  
Group C. Ospelkaus

*Conductive coordination polymers: Promising materials for nanosensors*

Bastian Hoppe  
Institute for Inorganic Chemistry,  
Group Behrens

*Feedback controlled single-electron transistor*

Timo Wagner  
Institute for Solid State Physics,  
Nanostructures Section,  
Group Haug

16:30 – 16:45 Award ceremony of the poster prize

Follow-up:

Get-together in the LNQE-research building to conclude the NanoDay 2016.

