



WELCOME TO KASSEL

The Center for Interdisciplinary Nanostructure Science and Technology (CINsaT) at the University of Kassel is pleased to announce the nano3D-Kassel 2012 conference.

KASSEL

Welcome to Kassel, the "Capital of the German Fairy Tale Route" where art and nature are equally important. Embark on a journey of discovery and get to know Bergpark Wilhelmshöhe, Europe's biggest hillside park. Towering above the park is the Hercules monument, Kassel's majestic landmark. In addition to the magnificent parks and historical monuments, internationally renowned art treasures and cultural institutions draw millions of visitors every year to this attractive city at the River Fulda. Kassel, situated in the heart of Germany, is also hosting the most international famous documenta exhibition for arts, which takes place all five years.



INTENTION OF THE CONFERENCE

Our 3-dimensional macroscopic world consists of objects of various materials that can be manufactured in a controlled manner from a diversity of materials. In the nano world, however, the main focus is on the fabrication of 2-dimensional structures. Techniques for fabrication, characterization and application of 3D nanostructures are just at their advent. This conference is dedicated to discuss new concepts for the fabrication and characterization of 3D nanostructures and their possible applications.

Examples for the definition of 3D nanostructures include, but are not restricted to:

- Individual objects with designed shapes with all three dimensions smaller than $1 \mu\text{m}$
- Self-organizing / Self-assembling 3D arrangements of particles or molecules with periodicities smaller than $1 \mu\text{m}$
- Laterally patterned systems with pattern sizes in both directions smaller than $1 \mu\text{m}$
- Layer by layer deposited 3D objects on surfaces / resembling rapid prototyping technology
- Multilayer systems with buried nanoobjects

CONFERENCE INFORMATION

CONFERENCE BUILDING

Kongress Palais Kassel

Holger-Börner-Platz 1
34119 Kassel, Germany



ACCOMMODATION

City Hotel

Wilhelmshöher Allee 38 - 42
34119 Kassel, Germany



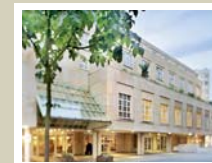
Hotel Schweizer Hof

Wilhelmshöher Allee 288
34131 Kassel, Germany



Mercure Hotel

Spohrstrasse 4
34117 Kassel, Germany



October 18 - 19, 2012 | Kassel, Germany

SCOPE AND PROGRAM

Questions governing this conference:

1. How might 3D nanostructures be fabricated?
2. How might 3D nanostructures be characterized?
3. What are potential applications of 3D nanostructures?

Thursday, 18.10.2012

08:00	Check-in and welcome
09:30	3D Nanostructuring and Materials I
12:45	Lunch
14:15	3D Nanostructuring and Materials II
17:45	Poster session
20:00	Evening reception

Friday, 19.10.2012

08:00	3D Image Processing and Analysis
11:30	Lunch
13:00	3D Applications
16:45	Summary and closing event

CONTACT / REGISTRATION

LOCAL ORGANIZING COMMITTEE

Universität Kassel
Center for Interdisciplinary Nanostructure
Science and Technology
Heinrich-Plett-Straße 40
34132 Kassel, Germany



Contact: nano3d@cinsat.uni-kassel.de

REGISTRATION

All scientists create an account at the conference management system (see link on the homepage). PhD and Post-Docs have to present a poster, so they additionally submit an abstract, which will be reviewed by our program committee. After an affirmation email you can pay the conference fee via Paypal or credit card.

CONFERENCE FEE

Senior Scientists:	400 EUR
PhD and Post-Docs:	200 EUR
Early bird discount:	50 EUR

www.nano3D-Kassel.de



October 18-19, 2012
Kassel, Germany



Chairman

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