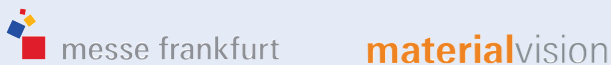


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in cooperation with:



**Registration Fee <sup>1)</sup>**

	Member <sup>2)</sup>	Others
from industry	€ 320	€ 335
from academia	€ 190	€ 205
students <sup>3)</sup>	€ 60	€ 75

1) No VAT requested according to § 4.22 UStG  
 2) Personal DECHEMA or VDI-GVC members and ECFE/EFC passport holders  
 3) proof of status required

The conference ticket includes the book of abstracts, the list of participants, meals and beverages during the breaks. The ticket also allows the participants to visit the exhibition of “nanotech+material week frankfurt”.

Registration should be made using the form enclosed. Each participant must use a separate copy of the registration form. In general there is no registration deadline as long as free capacity is available. Please note: registrations received after November 5, 2007 are not guaranteed to appear in the list of participants.

Fees should be remitted after the receipt of the invoice in favour of DECHEMA e.V. stating the invoice number, the name of the participant and the keyword “CNT VIII”, to one of the DECHEMA accounts as stated on the invoice. Payment by credit card is also possible (see registration form).

**Cancellation**

30 € administrative costs will be charged for cancellations made before October 20, 2007. Thereafter 80% of the registration fee will be invoiced, however the book of abstracts will be sent. Cancellations must be made in writing (E-Mail, letter or fax).

**Accommodation**

A contingent of rooms has been reserved in the

**Mercure Hotel & Residenz**  
 Voltastrasse 29  
 D-60486 Frankfurt am Main  
 Phone: +49 (0)69-79 26 0  
 Fax: +49 (0)69-79 26 16 06  
 E-Mail: h1204@accor.com  
 Single room: 89 €, keyword “CNT”

**Novotel Frankfurt City West**  
 Lise-Meitner-Strasse 2  
 D-60486 Frankfurt am Main  
 Phone: +49 (0)69-79 30 30  
 Fax: +49 (0)69-79 30 39 30  
 E-Mail: H1049@accor.com  
 Single room: 101 €, keyword “CNT VIII”

For the reservation of accommodation please contact the hotel directly by October 20, 2007.

The Tourismus & Congress GmbH can also help you booking hotels: [www.tcf.frankfurt.de](http://www.tcf.frankfurt.de)  
 Phone: +49 (0)69-212 30808  
 Fax: +49 (0)69-212 40512

**How to get to Messe Frankfurt**

**Arriving by car**  
 The A5 interstate via the Westkreuz Frankfurt interchange takes you directly to Messe Frankfurt. Follow the signposts “Messe Frankfurt” or “Messe”. These will take you to the “Rebstock” grounds, where there are 15,000 parking lots located right next to the interstate. From there a free shuttle bus will take you to the trade fair grounds. Or you can use the parking garage next to the Marriott-Hotel, Congress Center Messe Frankfurt (CMF) or Messeturm. Further information please see [http://www.messefrankfurt.com/corporate/en/reisecenter\\_zurmesse.html](http://www.messefrankfurt.com/corporate/en/reisecenter_zurmesse.html)

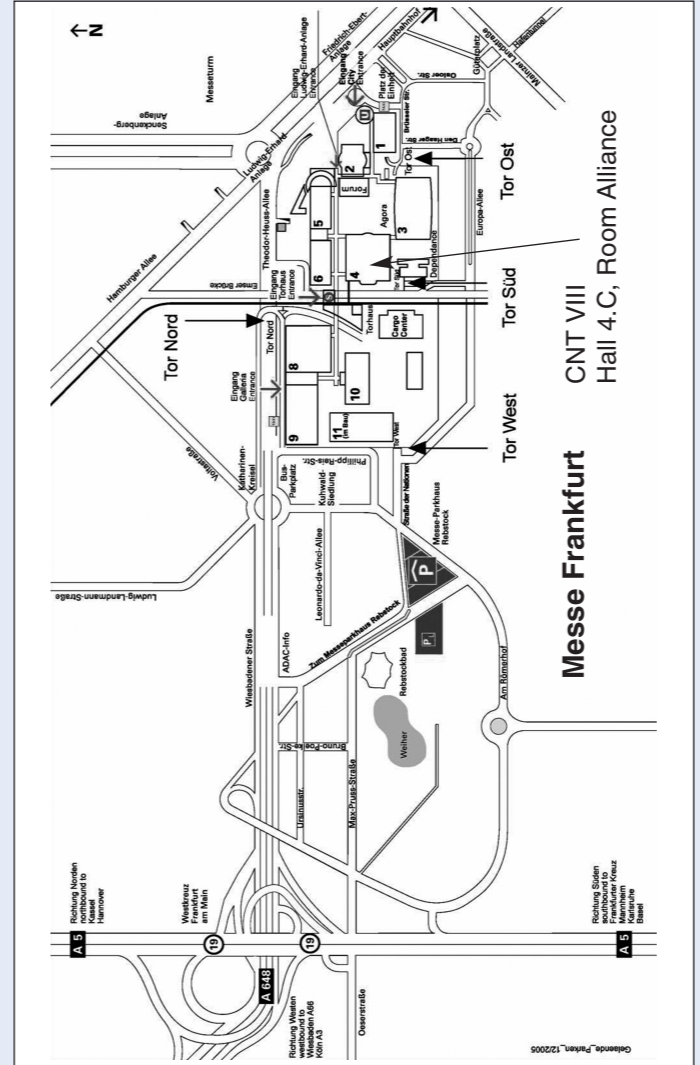
**Arriving Frankfurt Airport by plane**  
 When you arrive at Frankfurt Airport, you are only 15 km away from Messe Frankfurt. Frankfurt Airport has two terminals (1+2).

**... and taking the S-Bahn (suburban train) to Messe Frankfurt**  
 Every eight minutes a S-Bahn line S8 or S9 (suburban train, direction Hanau) leaves the regional train station (Regionalbahnhof) below Terminal 1, stopping at the Central Railway Station (Hauptbahnhof). The journey takes approx. 10 minutes. Upon arrival, follow the green “S” signs to the S-Bahn lines S3/S4/S5/S6, departing from the underground platform 104 to the stop “Messe Frankfurt”. The journey takes approx. 3 minutes.

**Arriving by train**  
 ICE, IC, and EC connections from all over Germany and Europe converge at Frankfurt Central Railway Station. Information can be obtained at all Deutsche Bahn ticket counters [www.bahn.de](http://www.bahn.de).

**... and taking a cab to Messe Frankfurt**  
 The taxi ranks at Frankfurt Central Station are well signposted. The largest is just a few steps away from the main exit. Please ask your taxi driver to take you to the Maritim Hotel. The entrance “Ludwig-Erhard-Anlage” is on the left side of the hotel.

**... and taking the S-Bahn (suburban train) to Messe Frankfurt**  
 Follow the green “S” signs to the S-Bahn lines S3/S4/S5/S6, departing from the underground platform 104 to the stop “Messe Frankfurt”. The journey takes approx. 3 minutes.



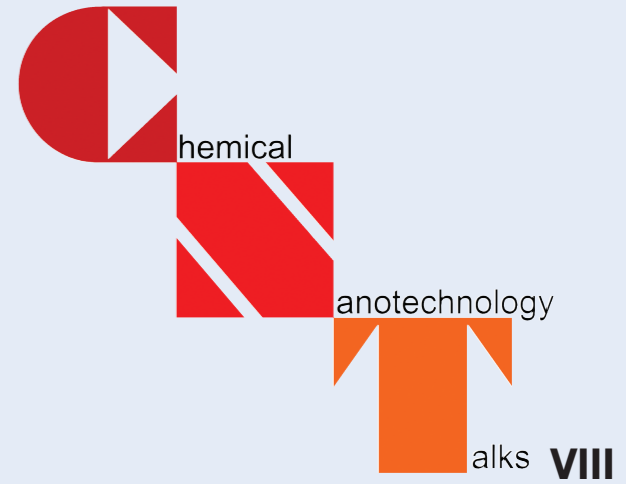
**Chemical Nanotechnology Talks VIII**

**Energising a Sustainable Future**

November 20 - 21, 2007

Messe Frankfurt, Fair Ground, Hall 4.C, Alliance

**Programme and Call for Posters**



supported by



[www.decHEMA.de](http://www.decHEMA.de)



## Invitation

Has nanotechnology the potential to provide us with solutions to overcome the climate change without falling back into pre-industrial "technologies"? Is nanotechnology able to solve problems relating to energy conversion and air and soil pollution?

New materials for photovoltaics, energy storage and conversion, reduction of pollution and downstream processing are in the focus of the "**Chemical Nanotechnology Talks VIII - Energising a Sustainable Future**" ([www.dechema.de/cnt\\_VIII](http://www.dechema.de/cnt_VIII)). As at previous CNTs we will take a look at new materials and analytical techniques and there will be ample time for discussion.

This year for the first time CNT will be held concurrently with three other events at the Frankfurt fair grounds. To make your planning easier CNT will take place on 20 and 21 November and thus at the beginning of the "**nanotech+material week frankfurt**" which will be held from 20 to 23 November 2007. Visitors to CNT will have an opportunity to visit the "nanotech+material week frankfurt" ([www.nanotech-material-week.com](http://www.nanotech-material-week.com)).

Nanotech+material week consists of NanoSolutions, Material Vision and Nanotechnology Forum Hessen with "NanoAnalytics", "NanoFinance Day" and "Sustainability".

All the lectures will be invited, the Call for Posters is announced again. The CNT poster prize will be awarded for the best posters. The winner will have an opportunity to talk about his/her work in a 15-minute lecture.

We are looking forward to seeing you in Frankfurt!

[www.dechema.de/cnt\\_VIII](http://www.dechema.de/cnt_VIII)

## Call for Posters

Participants are invited to submit proposals for **poster presentation**. The scientific committee will select the proposals that are best suited to the given context. During the Poster Party on November 20, 2007, the best posters will be selected.

Please submit your abstract at [www.dechema.de/cnt\\_VIII](http://www.dechema.de/cnt_VIII) under "Call for Posters".

Deadline for poster submission is **November 1, 2007**.

## Scientific Committee

C.D. **Eisenbach**, University of Stuttgart/D  
U. **Eisele**, Robert Bosch GmbH, Stuttgart/D  
A. **Gutsch**, Li-Tec Battery GmbH & Co. KG, Kamenz/D  
W. **Harneit**, Freie Universität Berlin/D  
R. **Iden**, BASF Aktiengesellschaft, Ludwigshafen/D  
M. **Möller**, DWI an der RWTH Aachen/D  
H.-J. **Schmid**, University of Paderborn/D  
G. **Sextl**, Fhl für Silicatforschung, Würzburg/D  
Ch. **Steinbach**, DECHEMA e.V., Frankfurt am Main/D

## Congress Office and Conference Site

**Congress Office until November 19, 2007**

DECHEMA e.V.  
Mrs. Xueqing Wu  
Theodor-Heuss-Allee 25  
D-60486 Frankfurt am Main  
Phone: +49 (0)69-7564 152  
Fax: +49 (0)69-7564 304  
E-Mail: [wu@dechema.de](mailto:wu@dechema.de)

**Conference Site / Congress Office from November 20, 2007**

Messe Frankfurt  
Fair Ground / Hall 4.C, Alliance  
Ludwig-Erhard-Anlage 1  
D-60327 Frankfurt am Main  
Phone: +49 (0)69-7575 41000  
Fax: +49 (0)69-7575 41001  
E-Mail: [wu@dechema.de](mailto:wu@dechema.de)

The easiest way to the conference site is via entrance „Torhaus“ at suburban stop „Messe“. For detailed information please see "How to get to Messe Frankfurt".

## Lectures (Subject to change)

**Tuesday, November 20, 2007**

- 10:30 **Welcome**
- 10:35 **Keynote Lecture**  
**Inventing reticular materials for clean energy**  
O.M. Yaghi, University of California, Los Angeles, CA/USA
- 11:20 **Light harvesting with semiconductor nanocrystals**  
J. Feldmann, University of Munich/D
- 11:50 **Coffee break and poster discussion**
- 12:20 **On the performance of Nano-FETs from one-dimensional semiconductors**  
J. Appenzeller, IBM Research Division, Yorktown Heights, NY/USA
- 12:50 **Structure property relationships of salt-based n-dopants in organic light emitting diodes**  
G. Schmid, Siemens AG, Erlangen/D
- 13:20 **Lunch break**
- 14:45 **Nanotechnical approach for energy conversion and storage**  
D. Sporn, Fhl für Silicatforschung, Würzburg/D
- 15:15 **Gas storage in porous media**  
M. Fröba, University of Giessen/D
- 15:45 **Large scale lithium ion batteries for automotive and stationary applications**  
A. Gutsch, Li-Tec Battery GmbH & Co. KG, Kamenz/D
- 16:15 **Title to be given**  
C. Vogler, SüdChemie AG, Moosburg/D
- 16:45 **Coffee break and poster discussion**
- 17:15 **Recent advances in the textural characterisation of nanoporous materials**  
M. Thommes, Quantachrome Instruments, Boynton Beach, FL/USA
- 17:45 **Nanostructured gas sensors based on nanoparticle engineering**  
E. Kruis, University of Duisburg-Essen/D
- 18:15 **Keynote Lecture**  
**Sustainable chemistry with microfluidic devices**  
D.A. Weitz, Harvard University, Cambridge, MA/USA
- 19:00 **Poster party and election of the best posters**
- 21:00 **End of the first day**

## Lectures (Subject to change)

**Wednesday, November 21, 2007**

- 9:00 **Keynote Lecture**  
**Solid-state nanostructures: fabrication concepts**  
U. Gösele, MPI für Mikrostrukturphysik, Halle/D
- 9:45 **Hierarchy in porous media**  
N. Hüsing, University of Ulm/D
- 10:15 **Integral asymmetric block copolymer membrane: synthesis, morphology and properties**  
V. Abetz, GKSS-Forschungszentrum Geesthacht GmbH/D
- 10:45 **Coffee break and poster discussion**
- 11:15 **Poster Award**  
Short lecture by the winner
- 11:35 **Nanostructures produced with energetic heavy ion projectiles**  
C. Trautmann, GSI - Gesellschaft für Schwerionenforschung mbH, Darmstadt/D
- 12:05 **Probing nanoscaled layers in thin film photovoltaic devices with synchrotron radiation**  
I. Lauer mann, Hahn-Meitner-Institute Berlin/D
- 12:35 **Lunch break**
- 14:00 **High performance concretes and "smart" building materials based on nanoscaled improvements**  
M. Schmidt, University of Kassel/D
- 14:30 **Saving energy by high performance composites (using Nanotechnology)**  
K. Kunze, Technical University of Dresden/D; M. Bauer, Fhl für Zuverlässigkeit und Mikointegration, Teltow/D
- 15:00 **Nanotechnology for sustainable construction**  
M. Kutschera, BASF Construction Chemicals GmbH, Trostberg/D
- 15:30 **End of the conference**  
Opportunity to visit *nanotech+material week frankfurt*