

9<sup>TH</sup> INTERNATIONAL  
NANOTECHNOLOGY SYMPOSIUM  
- NEW IDEAS FOR INDUSTRY -

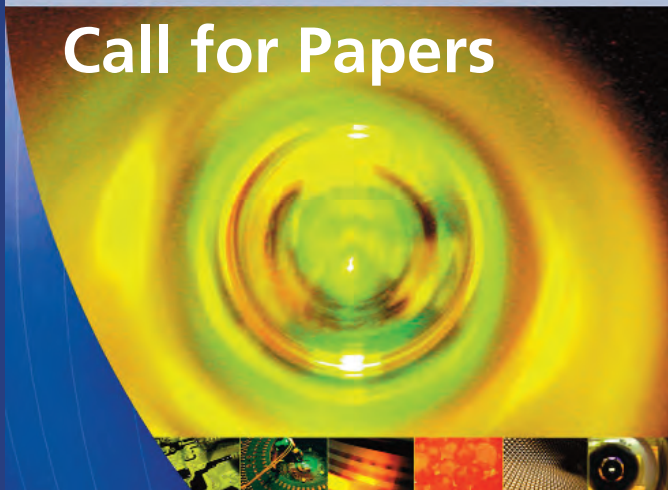
June 12 - 13, 2012

Dresden, Germany

International Congress Center

**Nanofair**® 2012

**Call for Papers**



With technical exhibition

With poster presentation

[www.nanofair.com](http://www.nanofair.com)



**Fraunhofer**

IWS

DRESDEN  
concept



Landeshauptstadt  
Dresden

# INVITATION

## Invitation to participate

Following the highly successful Nanofair conferences of the last years which attracted delegates from all over the world, Nanofair 2012 again will bring together the international community of science and industry. Started in 2002 Nanofair is the most established conference on nanotechnology in Europe and among the premier events worldwide. Under the slogan "New Ideas for Industry" Nanofair as an international conference will present a vital platform for the exchange of ideas and the generation of initiatives between science and industry. The focus of the conference will be on nanotechnology in the fields of materials and surfaces, life sciences, energy, electronics as well as nanoanalytics.

Plenary lectures by internationally renowned speakers and contributed oral presentations will offer delegates excellent opportunities to become acquainted with the latest developments in this diverse field. A comprehensive poster session will complement the technical program. Sufficient time will be available for discussions on challenges and solutions, new materials and processes as well as with cooperation partners. An exhibition running concurrently to the conference offers excellent opportunities to promote technical interchange of information and to present the latest in equipment, services and materials for commercializing R&D results.

Dresden with its unique alliance of large scientific research institutes of Fraunhofer, Max-Planck, Leibniz and Helmholtz Association and the Technical University of Dresden will be proud to be the host of the conference.

Nanofair 2012 will take place at the International Congress Center in Dresden, June 12th and 13th, 2012. We are looking forward to welcoming you in Dresden.

### **Andreas Leson**

Conference Chairman  
Fraunhofer IWS, Dresden, Germany

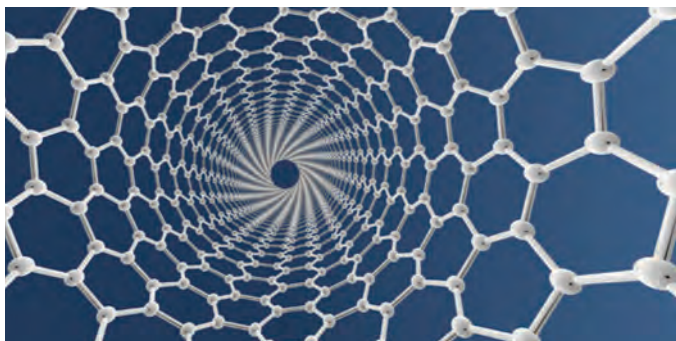


# TOPICS 2012

Nanofair 2012 will provide a forum for presenting current research and for the exchange of ideas and information between researchers, scientists and engineers from industry, research laboratories and academia. Contributions will cover fundamental scientific aspects as well as application oriented research and development. Furthermore successful implementations of new products using nanotechnology will be addressed as well.

Special emphasis will be given to all kinds of material aspects. Therefore, Nanofair 2012 will focus on the following topics:

- functional nanocomposites
- nanostructured surfaces
- nanomaterials for life sciences
- nanomaterials for renewable energy / energy storage
- nanoelectronics & photonics
- processing aspects of nanomaterials
- nanoanalytical methods



# NANOFAIR 2012

## Scientific Committee

**Gerd Bachmann**, Verein Deutscher Ingenieure TZ, Düsseldorf, Germany

**Robert Baptist**, CEA-LETI, Grenoble, France

**Eckhard Beyer**, Fraunhofer IWS, Dresden; University of Technology Dresden, Germany

**Gianaurelio Cuniberti**, University of Technology Dresden, Germany

**Alex Dommann**, Centre Suisse d'Electronique et de Microtechnique SA, Neuchâtel, Switzerland

**Lorenzo Faraone**, University of Western Australia, Crawley, Australia

**Thomas Gessner**, Fraunhofer ENAS, Chemnitz; University of Technology Chemnitz, Germany

**Horst Hahn**, Karlsruhe Institute of Technology, Karlsruhe, Germany

**Volker Hilarius**, Merck KGaA, Darmstadt, Germany

**Heinz Hilgers**, PEP Photonics European Photovoltaics AG, Mainz, Germany

**Stefan Kaskel**, Fraunhofer IWS, Dresden; University of Technology Dresden, Germany

**Andreas Leson**, Fraunhofer IWS, Dresden, Germany

**Lerwen Liu**, Nano Globe Pte Ltd, Singapore

# NANOFAIR 2012

## Scientific Committee

**Witold Łojkowski**, Institute of High Pressure Physics, Polish Academy of Sciences, Warszawa, Poland

**Manfred Stamm**, Leibniz Institute of Polymer Research, Dresden; University of Technology Dresden, Germany

**Akihito Yamaguchi**, ISIR Nanotechnology Center, Osaka University, Osaka, Japan

**Brigitte Voit**, Leibniz Institute of Polymer Research, University of Technology, Dresden, Germany

**Matthias Werner**, NMTC GmbH Berlin, Germany

**Ehrenfried Zschech**, Fraunhofer IZFP, Dresden, Germany

## Partners

- Dresden, Capital of Saxony, Department of Economic Development
- *DRESDEN*-concept
- Dresden Fraunhofer Cluster Nanoanalysis
- Fraunhofer Innovation Cluster "nano for production"
- Nanotechnology Center of Competence "Ultrathin Functional Films"
- Nanomat Karlsruhe
- VDI-Society Materials Engineering

# CALL FOR PAPERS

Nanofair 2012 as a truly international symposium will present most recent results of scientific research as well as new applications in the field of nanotechnology. If you wish to present your latest research results or if you have developed a new application, your contribution will be highly welcome. We encourage you to send in your abstract to the following email address:

**[nanofair@iws.fraunhofer.de](mailto:nanofair@iws.fraunhofer.de)**

Abstracts (max. one page incl. illustrations) should be written in English and should include the name, address, telephone and fax numbers, and e-mail address of the contact author. See submission guideline at [www.nanofair.com](http://www.nanofair.com)

The scientific committee will review all incoming contributions. Depending on the topic of your paper, the scientific committee will decide whether your paper should be presented orally or as a poster. The texts of accepted papers will be published in the conference proceedings.

## Deadlines

Submission of 1 page abstract:	November 30, 2011
Acceptance notification of authors:	February 24, 2012
Deadline for 4 page proceedings manuscript:	May 1, 2012

## Contact

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# PARTICIPATION

## Conference Fees

Industry	EUR 495,00
Academia	EUR 295,00
Students	EUR 95,00

The conference fee includes all technical sessions, the abstract booklet and conference proceedings as well as lunches and coffee breaks.

## Exhibition

For an optimum presentation of your company or institution, make use of the exhibition held in parallel with the conference. Take the opportunity to position your products and services purposefully and branch specifically. Take advantage of the accompanying exhibition at the centre of the branch meeting for your optimal product presentation and make valuable contacts. During the conference you get to meet the key players of the industry - with pinpoint accuracy, concisely and with a minimum of organizational expenditure. We are looking forward to sending you further information.

## Sponsoring

As a sponsor you position your company or institution with a clearly perceptible presence within a selected circle of participants. During the event we offer various possibilities to you to "fly your flag" during the conference and to get into conversation with your potential customers. Take advantage of sponsoring for positioning within an existing target group, and also to increase your profile in a new industry. We would gladly provide you with an individual offer – please do not hesitate to contact us.

## Contact (for Exhibition and Sponsoring)

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# EXPERIENCE DRESDEN



Sylvio Dittrich, Marketing Dresden GmbH

Dresden, also called Elbflorenz, is not only one of the most beautiful cities in Germany; it also counts to the strongest economic areas. This success is based on a great variety of high tech industries with particular competencies in the future-oriented sectors of nanotechnology, microelectronics and life sciences / biotechnology.

Three universities and various institutes of higher education produce a vast pool of qualified staff. Close collaboration between industry, universities and research institutes is a matter of course and make Dresden a leading center in the field of nanotechnology in Europe.

Numerous scientific institutes and active regional and international networks create a productive climate for state-of-the-art solutions and new innovative products.



Frank Exß, Dresden Marketing GmbH



Sylvio Dittrich, Dresden Marketing GmbH