

International Industry Forum – Nanocomposites for Industrial Applications

June 14th-15th 2012, Fraunhofer-Campus Dresden

Organised by the Fraunhofer Institute for Materials- and Beam Technology (IWS), the Free State of Saxony and the Saxony Economic Development Corporation (WFS) offering to

Companies from the Automotive, Energy and Environmental Technology sectors

- latest nanocomposite technology developments
- for international delegates: presentation of your technology and company
- 1:1 meetings, networking opportunities with German and international partners
- company visits and lab tours (Fraunhofer Institutes).

The aim of the Forum is to present innovative technologies and applications and to offer a platform to discuss future cooperation. Participants will have the opportunity to take part in extensive laboratory visits, meetings and in-depth discussions with leading German nanotech experts and companies.

The programme will consist of **parallel sessions** to accommodate specialised interests and to facilitate meaningful dialogues on the topics:

Automotive

- scratch-resistant paints based on nanocomposites
- CNT based plastics for an improved paintability (CNT = carbon nanotubes)
- improvement of the mechanical strength by nanocomposites
- innovative actuators based on carbon nanotubes
- long-lasting friction bearings made of carbon fibre reinforced plastic

Energy

- carbon based nanocomposite materials for an increased storage density in lithium based batteries
- nanostructured carbon coatings for friction reduction and improved energy efficiency in the power train
- energy efficient lighting based on nanocomposites
- highly efficient catalysts based on nanocomposites

Environment

- filter based on nanocomposites
- nanostructured electrodes for water treatment

Further details will be available shortly at www.nanofair.com.

Registration – Industry Forum: Participation is included in the Nanofair fee. Stand-alone participation without registration to the conference will be EUR 50.00.

The number of participants will be limited to 100 persons, registration in advance is required – email/fax the attached registration form to birgit.schaub@iws.fraunhofer.de. Please indicate if you wish to participate in the 1:1 meetings.

Dates - overview:

June 12-13	9th International Nanotechnology Symposium – Nanofair 2012 in Dresden
June 13	Evening Reception for Forum participants and invited experts
June 14	International Industry Forum, follow-up Networking Evening for all participants
June 15	Company visits