

Chairmen

Prof. G. Heinrich

(Leibniz-Institute of Polymer Research Dresden e. V. / Technische Universität Dresden)

Prof. M. Kaliske

(Institute for Structural Analysis, Technische Universität Dresden)

Contact

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Registration

For registration please fill in and fax the enclosed form or send an e-mail. Fees include VAT and contain coffee breaks, lunch and Get together event.

Venue

Leibniz-Institut für Polymerforschung Dresden e. V.

Conference hall, 2nd floor

Hohe Straße 6, 01069 Dresden

How to get to the institute?

...by train

The institute is quite near the railway station Dresden-Hauptbahnhof. Leave the railway station to the right and follow "Bayrische Straße" and "Hohe Straße".

...by airplane

Take the suburban train to Dresden-Hauptbahnhof (duration about 25 minutes, departures every 30 minutes). Leave the railway station to the right and follow "Bayrische Straße" and "Hohe Straße".

...also view <http://www.ipfdd.de/Standort.11.0.html?&L=1>

Accommodation

We recommend the following hotels (within walking distance from IPF):

Achat Hotel, Budapester Straße 34, 01069 Dresden

Phone +49 351 47380-0

eMail dresden@achat-hotels.com

IBIS Hotels Dresden, Prager Straße, 01069 Dresden

Phone +49 351 4856 2000

eMail reservierung@ibis-dresden.de



4th Dresden Tire Workshop

"Green" Tire Concepts

May 6, 2011



4th Dresden Tire Workshop: "Green"-Tire Concepts

May 6, 2011

"Green" tires first emerged as a sustainable concept in the 1990s. Rubber chemists and tire engineers discovered that tire rolling resistance was improved, if they use silane-treated silica as a reinforcing filler in tread compounds, instead of the traditional carbon black.

Meanwhile, it is generally accepted that use of "green" tires could enlarge application of renewable resources and save millions of barrels of oil per year and would also reduce carbon dioxide emissions significantly.

The latest findings will be presented and discussed in the 4th Dresden Tire Workshop. Similar, like in the previous workshops of this series, this one-day event aims to bring together experts with extensive experience in research, development, management and education in order to discuss innovative approaches and perspectives. The 4th Dresden Tire Workshop addresses members in research, development and managing positions of tire and automotive industries as well as manufacturers of corresponding tire raw materials.

You can also register for

Seminar: Advanced Rubber Testing and Characterization

May 5, 2011

Well-grounded physical testing of rubbers controls and maintains the quality of the corresponding products. Beside standard tests and analyses on rubber materials non-standard testing methods and concepts become more and more prominent to ensure high-standard quality of new rubber products and to understand deeply the structure-property relationships of these materials.

The workshop about advanced rubber testing addresses several new topics and unconventional methods by in-depth presentations of leading experts in their fields. The presentations will show how these methods can be applied in R&D or in quality control in rubber and tire industries.

Both events will be held in English according to the composition of the group of participants

For more information please view <http://www.ipfdd.de/Conferences-and-Workshops.184.0.html?&L=0%27> .

May 6, 2011 Workshop

08:45 – 08:50

Opening

PROF. G. HEINRICH

(LEIBNIZ INSTITUTE OF POLYMER RESEARCH
DRESDEN, GERMANY)

08:50 – 09:00

Opening address

CH. ZIMMER-CONRAD

(MINISTRY OF SCIENCE AND ART OF FEDERAL
STATE OF SAXONY)

09:00 – 09:30

PROF. W. HUFENBACH

(INSTITUTE OF LIGHTWEIGHT ENGINEERING AND
POLYMER TECHNOLOGY, TECHNISCHE
UNIVERSITÄT DRESDEN, GERMANY)
Carbon Rims for Future Lightweight Tires

09:30 – 10:00

DR. B. MERGELL

(CONTINENTAL REIFEN DEUTSCHLAND GMBH,
HANNOVER, GERMANY))
Green Tire Materials

10:00 – 10:30

DR. A. LECHTENBÖHMER

(GOODYEAR INNOVATION CENTER,
COLMAR/BERG, LUXEMBOURG)
Biological Materials for Future Green Tires

Coffee break

11:00 – 11:30

DR. J. NEUBAUER

(MICHELIN ASA, CLERMONT-FERRAND,
FRANCE)
Tire Development in the Spirit of Sustainable
Mobility

11:30 – 12:00

DR. S. THIELE

(STYRON DEUTSCHLAND GMBH, SCHKOPAU,
GERMANY)
Functionalization Technologies for Synthetic
Tire Rubber Polymers

12:00 – 12:30

P. BECKER

(APOLLO TIRES LTD., NEW DELHI, INDIA)
Tire Technology, Greener and Cleaner

Lunch

13:30 – 14:00

N. KIKUCHI

(SUMITOMO RUBBER INDUSTRIES, JAPAN)
The Development of the Fossil Resource
Free Tyre

14:00 – 14:30

PROF. M. KALISKE

(INSTITUTE FOR STRUCTURAL ANALYSIS,
TECHNISCHE UNIVERSITÄT DRESDEN,
GERMANY)
Greener and More Reliable Tire through
Finite Element Robustness Simulation

Registration

4th Dresden Workshop: "Green" Tire Concepts

Please return by April 09, 2011.

for **4th Dresden Tire Workshop** (May 06, 2011)

150,00 €

for **Seminar: Advanced Rubber Testing and Characterization** (May 05,2011)

150,00 €

for **both events** (May 05 – 06,2011)

200,00 €

Prices (VAT included) contain coffee breaks, lunch and Get together event on 5th of May at 7 p. m.

paid in cash on site (credit card accepted)

paid upon receipt of an invoice

Participation Get together event

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Title First Name Surname

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Affiliation

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Address

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Phone

Fax

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E-mail

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Date

Signature