

RESEARCH AREAS

Cluster of Excellence - Engineering of Advanced Materials

A1 Functional
Particle Systems

A2 Nanoanalysis and
Electron Microscopy

A3 Multiscale Modeling
and Simulation

B Nanoelectronic
Materials

C Photonic
and Optical Materials

D Catalytic
Materials

E Lightweight
Materials

GENERAL INFORMATION

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PARTNER



Interdisciplinary Center
for Molecular Materials



Graduate School Molecular Science



ENGINEERING
OF ADVANCED
MATERIALS

INTERNATIONAL SYMPOSIUM

*The Chemistry of Synthetic
Carbon Allotropes*

25–26 November 2010

PROGRAM

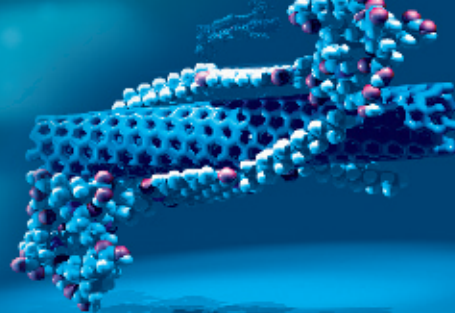
Friedrich-Alexander-Universität
Erlangen-Nürnberg



PROGRAM

INTERNATIONAL SYMPOSIUM

NOV 25 – 26, 2010 Erlangen



THURSDAY, NOVEMBER 25

- 16⁰⁰ – 16¹⁵** Opening ceremony
- 16¹⁵ – 16⁴⁵** UCSB Buckminster-fullerene chemistry, 1991 – 2010
Fred Wudl, University of California, Santa Barbara
- 16⁴⁵ – 17¹⁵** The dynamics of photoinduced electron transfer processes in porphyrin/[60] fullerene interlocked systems
David Schuster, New York University
- 17¹⁵ – 17³⁰** Coffee break
- 17³⁰ – 18⁰⁰** New vistas in chemistry of synthetic carbon allotropes: organic nanomaterials based on endohedral metallofullerenes
Takeshi Akasaka, Tsukuba
- 18⁰⁰ – 18³⁰** Functionalization of carbon nanotubes for materials and nanomedicine
Maurizio Prato, University of Trieste
- 18³⁰** Get-together
- 10³⁰ – 11⁰⁰** Covalent and noncovalent phthalocyanine-carbon nanostructure systems
Tomas Torres, University Autonomia, Madrid
- 11⁰⁰ – 11³⁰** Fullerene derivatives as cornerstones in organic photovoltaics
Kees Hummelen, University of Groningen
- 11³⁰ – 12⁰⁰** The wonderful world of carbon allotropes
Eiichi Nakamura, Tokyo University
- 12⁰⁰ – 14³⁰** Lunch break
- 14³⁰ – 15⁰⁰** Inducing chirality in fullerenes
Nazario Martin, University Complutense, Madrid
- 15⁰⁰ – 15³⁰** Synthesis of endohedral fullerenes by molecular surgery
Koichi Komatsu, Fukui University
- 15³⁰ – 16⁰⁰** Coffee Break

FRIDAY, NOVEMBER 26

- 9⁰⁰ – 9³⁰** Opto-electronic advanced materials by new acetylene chemistry
François Diederich, ETH Zürich
- 9³⁰ – 10⁰⁰** Nanocarbon materials for artificial photosynthesis and solar energy conversion
Hiroshi Imahori, Kyoto University
- 10⁰⁰ – 10³⁰** Coffee break
- 16⁰⁰ – 16³⁰** Buckyball maracas: chemical and electrochemical properties of endohedral fullerenes
Luis Echegoyen, University of Texas, El Paso
- 16³⁰ – 17⁰⁰** Graphene as unique multitalent – catalyst, semiconductor, nanowire, protein template
Klaus Müllen, MPI Mainz
- 17⁰⁰ – 17³⁰** Concluding remarks/closing ceremony