XXVth INTERNATIONAL WINTERSCHOOL on ELECTRONIC PROPERTIES of NOVEL MATERIALS



MOLECULAR NANOSTRUCTURES

February 26 - March 05, 2011

HOTEL SONNALP - KIRCHBERG / TIROL - AUSTRIA

FIRST ANNOUNCEMENT

Chair persons

C. Thomsen (Berlin)

P. Dinse (Darmstadt)

H. Kuzmany (Wien)

S. Reich (Berlin)

S. Roth (Seoul)

Program Committee

E. Andrei (US)

A. Bachtold (ES)

P. Dinse (DE)

M. Dresselhaus (US)

S. Fan (CN)

L. Forro (CH)

T. F. Heinz (US)

A. Hirsch (DE)

S. Iijima (JP)

H. Kataura (JP)

L. P. Kouwenhoven (NL)

A. Jorio (BR)

H. W. Kroto (UK)

H. Kuzmany (AT)

Y. H. Lee (KR)

A. Loiseau (FR)

F. Mauri (FR)

M. Mehring (DE)

K. S. Novoselov (UK)

E. Obraztsova (RU)

Th. Pichler (AT)

S. Reich (DE)

J. Robertson (UK)

A. Rubio (ES)

S. Roth (KR)

P. Rudolf (NL)

C. Schönenberger (CH)

N. Shinohara (JP)

Z. K. Tang (CN)

C. Thomsen (DE)

A. Zettl (US)

Scope

The Winterschool will provide a platform for reviewing and discussing new developments in the field of electronic properties of molecular nanostructures and their applications. Subjects included are:

- Materials science of graphene and nanographene
- Carbon nanotube optics and electronics
- Carbon nanotube growth and selection
- Single-molecule experiments
- Applications of molecular nanostructures
- Theory of molecular nanostructures
- Biomolecule physics and applications
- Nanostructure spintronics

Theoretical and experimental contributions from research work in this new field of materials science are welcome.

Time and Location

The winterschool will be conducted from

February 26 to March 05, 2011

at the HOTEL SONNALP in Kirchberg / Tirol, Austria. All participants of the winterschool will be accommodated in the hotel or in nearby hotels/private houses. Dinner will be served for all participants at the hotel. The Hotel Sonnalp is a modern, Tyrolean style building with a very cosy atmosphere, a big lecture room and several special installations like indoor swimming pool, sauna, solarium, etc. for your recreation.

Some further information

Tutorial and research lectures and poster presentations will be scheduled for morning and evening sessions. The afternoon will be free for mini workshops, special tutorials, and private discussions.

A second announcement will be distributed to interested colleagues in October 2010. Personal application for participation will be required. Current information will be in the internet at:

www.iwepnm.org

The venue

