

International Winterschool on Electronic Properties of Novel Materials



First announcement

March 08 - March 15, 2014

Hotel Sonnalp - Kirchberg in Tirol - Austria



Chair persons

C. Thomsen ([Institut für Festkörperphysik, TU Berlin, DE](#))
A. Hirsch ([Institut für Organische Chemie, Uni Erlangen, DE](#))
H. Kuzmany ([Fakultät für Physik, Uni Wien, AT](#))
S. Reich ([Fachbereich Physik, FU Berlin, DE](#))
S. Roth ([Sineurop Nanotech GmbH, München, DE](#))

Programm committee

E. Andrei (<i>US</i>)	Y. H. Lee (<i>KR</i>)	A. Rubio (<i>ES</i>)
A. Bachtold (<i>ES</i>)	A. Loiseau (<i>FR</i>)	P. Rudolf (<i>NL</i>)
P. Dinse (<i>DE</i>)	J. Maultzsch (<i>DE</i>)	C. Schönenberger (<i>CH</i>)
M. Dresselhaus (<i>US</i>)	F. Mauri (<i>FR</i>)	P. Sheng (<i>CN</i>)
L. Forro (<i>CH</i>)	K. S. Novoselov (<i>UK</i>)	N. Shinohara (<i>JP</i>)
T. F. Heinz (<i>US</i>)	E. Obraztsova (<i>RU</i>)	F. Simon (<i>HU</i>)
A. Hirsch (<i>DE</i>)	A. Penicaud (<i>FR</i>)	C. Stampfer (<i>DE</i>)
S. Iijima (<i>JP</i>)	Th. Pichler (<i>AT</i>)	Z. K. Tang (<i>CN</i>)
A. Jorio (<i>BR</i>)	S. Reich (<i>DE</i>)	C. Thomsen (<i>DE</i>)
H. Kataura (<i>JP</i>)	J. Robertson (<i>UK</i>)	A. Zettl (<i>US</i>)
H. Kuzmany (<i>AT</i>)	S. Roth (<i>DE</i>)	

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.

The scope of the winterschool covers experimental and theoretical work in the following fields:

- materials science of graphene and nanographene
- carbon nanotube / graphene optics and electronics
- carbon nanotube / graphene growth and selection
- novel two-dimensional materials
- applications of molecular nanostructures
- theory of molecular nanostructures
- biomolecule physics and applications
- nanostructure spintronics
- single-molecule experiments

Time and Location

The XXVIIIth winterschool will be conducted from **March 08 to March 15, 2014** at the Hotel Sonnalp in Kirchberg in 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.



Further Information

Tutorials, 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 2013. Personal application for participation will be required. For current information please visit our website:

www.iwepnm.org