

International Winterschool on Electronic Properties of Novel Materials



First announcement

March 9 - March 16, 2019

Hotel Sonnalp - Kirchberg in Tirol - Austria

Chair persons

J. Maultzsch (Department Physik, Friedrich-Alexander-Universität Erlangen-Nürnberg, DE) **S. Reich** (Fachbereich Physik, Freie Universität Berlin, DE)

A. Hirsch (Institut für Organische Chemie, Friedrich-Alexander-Universität Erlangen-Nürnberg, DE)

C. Thomsen (Institut für Festkörperphysik, Technische Universität Berlin, DE)

C. Stampfer (2nd Institute of Physics A, RWTH Aachen Universität, DE)

Program committee

E. Andrei (US)	H. Kuzmany (AT)	S. Reich (DE)
A. Bachtold (ES)	Y. H. Lee (KR)	J. Robertson (UK)
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J. Fink (DE)	J. Maultzsch (DE)	P. Rudolf (NL)
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H. Kataura (JP)	Th. Pichler (AT)	A. Swan (US)
R. Krupke (DE)	M. Prato (IT)	A. Zettl (US)

Time and Location

The XXXIIIrd winterschool will be conducted from **March 9 to March 16, 2019** at 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.



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, nanographene, and carbon nanotubes
- novel two-dimensional materials
- optics, electronics, growth, and selection of carbon nanotubes and graphene
- theory of novel materials
- applications of novel materials
- nanostructure spintronics
- topological materials
- plasmonic nanostructures
- single-molecule experiments

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 2018. Personal application for participation will be required. For current information please visit our website:

www.iwepnm.org