

International Winterschool on Electronic Properties of Novel Materials



Second Announcement

March 08 - March 15, 2014

Hotel Sonnalp - Kirchberg in Tirol - Austria



Chair persons

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Program committee

E. Andrei (<i>US</i>)	Y. H. Lee (<i>KR</i>)	A. Rubio (<i>ES</i>)
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L. Forro (<i>CH</i>)	K. S. Novoselov (<i>UK</i>)	N. Shinohara (<i>JP</i>)
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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>)	

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.

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

Invited Speakers

D. Basko (<i>Grenoble, FR</i>)	J. Hone (<i>New York, US</i>)	Y. Ohno (<i>Nagoya, JP</i>)
G. Burkard (<i>Konstanz, DE</i>)	B. Hunt (<i>Boston, US</i>)	T. Pichler (<i>Vienna, AT</i>)
L. Cancado (<i>Belo Horizonte, BR</i>)	Y. Iwasa (<i>Tokyo, JP</i>)	L. Ponomarenko (<i>Lancaster, UK</i>)
D. Carroll (<i>Winston-Salem, US</i>)	A. Jorio (<i>Zurich / Belo Horizonte, CH / BR</i>)	J. Robertson (<i>Cambridge, UK</i>)
A. Castellanos-Gomez (<i>Delft, NL</i>)	A. Khlobystov (<i>Nottingham, UK</i>)	S. Roche (<i>Barcelona, ES</i>)
H. Cheng (<i>Shenyang, CN</i>)	F. Koppens (<i>Barcelona, ES</i>)	C. Stampfer (<i>Aachen, DE</i>)
K. Ensslin (<i>Zurich, CH</i>)	J. Kotakoski (<i>Vienna, AT</i>)	M. Strano (<i>Boston, US</i>)
F. Ernst (<i>Berlin, DE</i>)	V. Krstic (<i>Dublin / Erlangen, IE / DE</i>)	A. Vazquez de Parga (<i>Madrid, ES</i>)
I. Errea (<i>Paris, FR</i>)	E. Laird (<i>Oxford, UK</i>)	A. Vijayaraghavan (<i>Manchester, UK</i>)
A. Ferrari (<i>Cambridge, UK</i>)	D. Lee (<i>Jeonbuk, KR</i>)	C. Voisin (<i>Paris, FR</i>)
M. Freitag (<i>Yorktown Heights, US</i>)	A. Loiseau (<i>Chatillon, FR</i>)	F. Wang (<i>Berkeley, US</i>)
M. Fuhrer (<i>Victoria / Maryland, AU / US</i>)	S. Lupi (<i>Rome, IT</i>)	H. Weber (<i>Erlangen, DE</i>)
O. Gaier (<i>Grenoble, FR</i>)	F. Mak (<i>Ithaca, US</i>)	R. Wiesendanger (<i>Hamburg, DE</i>)
R. Gorbachev (<i>Manchester, UK</i>)	E. Malic (<i>Berlin, DE</i>)	K. Yanagi (<i>Tokyo, JP</i>)
N. Grobert (<i>Oxford, UK</i>)	J. Maultzsch (<i>Berlin, DE</i>)	J. Ye (<i>Groningen / Tokyo, NL / JP</i>)
J. Güttinger (<i>Barcelona, ES</i>)	G. Mele (<i>Philadelphia, US</i>)	J. Zaumseil (<i>Erlangen, DE</i>)
A. Hartschuh (<i>Munich, DE</i>)	Y. Miyata (<i>Tokyo, JP</i>)	S. Zhang (<i>Stanford, US</i>)
R. Hillenbrand (<i>San Sebastian, ES</i>)	L. Molenkamp (<i>Würzburg, DE</i>)	

* speakers whose attendance has yet to be confirmed

Invited lectures will be scheduled in the morning from 8:30 to 12:00 and in the evening after 18:30. The afternoon will be used for mini workshops or private discussions.

Attendance

If you would like to apply for participation in the upcoming winterschool, please create an account at:

http://www.iwepnm.org/new_account

After creating your account, to apply for participation, you will need to choose your preferred accommodation and submit an abstract until **January 10, 2014**.

Early submission of application is recommended. The number of participants will be strictly limited. Applicants submitting a contribution will be considered with preference. Applicants will be notified about acceptance by **January 24, 2014**.

Abstracts and contributed papers

Contributed papers covering the research topics of the winterschool will be scheduled as 30-minute research lectures or as posters. The time for research lectures includes 10 minutes for discussion.

Conference Publication

Camera-ready manuscripts of invited and contributed papers are scheduled for publication. Detailed information will be forwarded to the contributors.

Accommodation

The winterschool includes your accommodation. Therefore you will be required to choose your preferred accommodation category when applying for participation. Three categories of accommodation are available:

- A: Bed in a twin or double room at the Hotel Sonnalp or a nearby hotel for 440€.
- B: Bed in a three-bed room at the Hotel Sonnalp for 290€.
- C: Bed in a twin or double room with private bath in a nearby bed and breakfast place for 190€.

These prices include accommodation and breakfast for the conference week.

The conference fee amounts to 600€. The conference fee includes the participation fee, the conference publication, coffee breaks, and dinner at Hotel Sonnalp including one beverage for the conference week.

A very limited number of single rooms in category A hotels will be available for an extra charge of 360€ (category S).

The additional total costs for accompanying persons (i.e. persons *not participating in the scientific part of the conference*) are 670€ in category A, 520€ in category B and 420€ in category C. Depending on availability we might be able to offer a small number of family rooms (i.e. with more than three beds).

If you'd like to receive free child care for accompanying children during conference sessions, please let us know during the registration process.

The fee will be due immediately after notification of acceptance.

Travel



Kirchberg in Tirol can easily be reached by train or by car. It is situated on the main railway line from Vienna to Innsbruck and quite close to the Autobahn Munich - Innsbruck. The closest international airports are Munich (170 km), Salzburg (80 km) and Innsbruck (90 km).