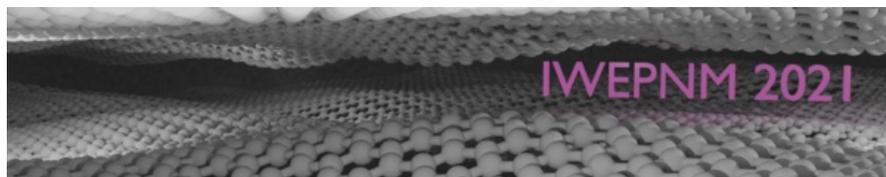


# International Winterschool on Electronic Properties of Novel Materials



## First Announcement

**March 20 - March 26, 2021**

Hotel Sonnalp - Kirchberg in Tirol - Austria

## Chair persons

**Janina Maultzsch** (Department Physik, Friedrich-Alexander-Universität Erlangen-Nürnberg, DE)

**Stephanie Reich** (Fachbereich Physik, Freie Universität Berlin, DE)

**Andreas Hirsch** (Institut für Organische Chemie, Friedrich-Alexander-Universität Erlangen-Nürnberg, DE)

**Christoph Stampfer** (2nd Institute of Physics A, RWTH Aachen Universität, DE)

## Program committee

<b>E. Andrei</b> (US)	<b>H. Kuzmany</b> (AT)	<b>J. Robertson</b> (UK)
<b>A. Bachtold</b> (ES)	<b>Y. H. Lee</b> (KR)	<b>S. Roth</b> (DE)
<b>H. M. Cheng</b> (CN)	<b>Y. Li</b> (CN)	<b>P. Rudolf</b> (NL)
<b>J. Fink</b> (DE)	<b>A. Loiseau</b> (FR)	<b>C. Schönenberger</b> (CH)
<b>L. Forro</b> (CH)	<b>S. Maruyama</b> (JP)	<b>P. Sheng</b> (CN)
<b>M. Fuhrer</b> (AU)	<b>J. Maultzsch</b> (DE)	<b>F. Simon</b> (HU)
<b>M. Glazov</b> (RU)	<b>F. Mauri</b> (IT)	<b>C. Stampfer</b> (DE)
<b>R. Gorbachev</b> (UK)	<b>G. Mele</b> (US)	<b>M. Strano</b> (US)
<b>I. Grigorieva</b> (UK)	<b>K. S. Novoselov</b> (UK)	<b>K. Suenaga</b> (JP)
<b>T. F. Heinz</b> (US)	<b>E. Obraztsova</b> (RU)	<b>A. Swan</b> (US)
<b>A. Hirsch</b> (DE)	<b>A. Penicaud</b> (FR)	<b>C. Voisin</b> (FR)
<b>A. Jorio</b> (BR)	<b>Th. Pichler</b> (AT)	<b>J. Zaumseil</b> (DE)
<b>H. Kataura</b> (JP)	<b>M. Prato</b> (IT)	<b>A. Zettl</b> (US)
<b>R. Krupke</b> (DE)	<b>S. Reich</b> (DE)	

## Scope

Our mission is to give a broad overview over the physics and chemistry of carbon nanostructures, two-dimensional materials and topological systems through a series of invited talks and contributed poster presentations.

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

## Time and Location

The 35<sup>th</sup> winterschool will be conducted from **March 20 to March 26, 2021** at the Hotel Sonnalp in Kirchberg in Tirol, Austria. Please note the adjusted dates.

The scientific program starts on Sunday (March 21) morning and ends on Thursday (March 25) evening. Departure is on Friday (March 26) after breakfast. 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 Sonnalp.

We plan the 2021 Kirchberg Winterschool as a hybrid online and on-site conference. Some talks will be given as video presentations, but the main part of the conference will happen on-site, somewhat smaller than in previous years. We will continue to adjust our plans in view of the coronavirus pandemic and follow the guidelines of the German and Austrian authorities.



Please note that the registration and abstract deadline is planned for end of **November 2020**, and the number of participants will be limited to 100 under the current conditions. The second announcement with further information on registration and participation will be circulated soon.

## 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 2020. Personal application for participation will be required. For current information please visit our website:

[www.iwepnm.org](http://www.iwepnm.org)