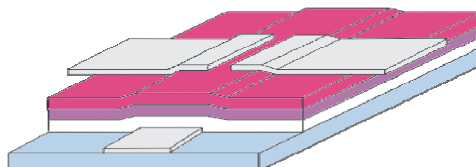


National Science Network
„Interface Controlled and Functionalised Thin Organic Films”
funded by the Austrian Science Foundation



5th WINTERSCHOOL ON ORGANIC ELECTRONICS

Fundamental Properties of Devices – Sensors, Transistors and Solar Cells

Information



March 6th – 12th, 2010
Universitaets-Sportheim Planneralm
Donnersbach, Austria
<http://www.if.tugraz.at/ws2010/>



The Research Project Cluster "Interface Controlled and Functionalized Organic Films" is a National Research Network (NFN) funded by the Austrian Science Foundation. It is a network of scientific groups from Austria, which are working together to perform joint research on basic science of organic thin films and their application in organic electronics. The winterschool will be focused on device physics, contributions on that topic will be preferably selected as short lectures.

The Organising Committee:

Roland Resel, Institute of Solid State Physics, Graz University of Technology
Helmut Sitter, Institute of Semiconductor and Solid State Physics, Johannes Kepler University Linz
Christian Teichert, Institute of Physics, University Leoben
Gregor Trimmel, Institute for Chemistry and Technology of Materials, Graz University of Technology
Egbert Zojer, Institute of Solid State Physics, Graz University of Technology

The Program Committee:

Claudia Ambrosch-Draxl, Department of Material Physics, University Leoben
Siegfried Bauer, Institute of Experimental Physics, Soft Matter Physics, Johannes Kepler University Linz
Wolfgang Kern, Institute of Chemistry of Polymeric Materials, University Leoben
Tim Ostermann, Research Institute for Integrated Circuits, Johannes Kepler University Linz
Michael Ramsey, Institute of Physics, Karl Franzens University Graz
Roland Resel, Institute of Solid State Physics, Graz University of Technology
N. Serdar Sariciftci, Institute of Physical Chemistry, Johannes Kepler University Linz
Helmut Sitter, Institute of Semiconductor and Solid State Physics, Johannes Kepler University Linz
Christian Teichert, Institute of Physics, University Leoben
Gregor Trimmel, Institute for Chemistry and Technology of Materials, Graz University of Technology
Adi Winkler, Institute of Solid State Physics, Graz University of Technology
Peter Zeppenfeld, Institute of Experimental Physics, Atomic Physics and Surface Science, Johannes Kepler University Linz
Egbert Zojer, Institute of Solid State Physics, Graz University of Technology

Scientific Program

15 Tutorial Lectures (40 min. & 20 min. Discussion)

Anja Haase, Joanneum Research Weiz

Nano-imprint lithography

Pawel Jelinek, Czech Academy of Science, Prague

Theoretical description of scanning probe microscopy

Norbert Koch, Humboldt University Berlin

Interfaces of organic devices

Joe Krenn, Karl Franzens University Graz

Plasmonic devices

Karl Leo, Institute of Applied Photophysics, Technical University Dresden

Organic light emitting devices

Maria Antonietta Loi, University Groningen

Light emitting transistors

Georges Malliaras, Ecole des Mines de Saint Etienne, Gardanne

Organic transistors and sensing

Chris Mc Neill, University of Cambridge

Charge transport mobility in organic semiconductors

Alberto Morpurgo, Ecole de Physique Geneva

Organic single crystal transistors

Peter Puschnig, University Leoben

Organic layer growth: theoretical calculations

Paolo Samori, University Louis Pasteur Strasbourg

Self assembly of molecular modules

Serdar Sariciftci, Johannes Kepler University Linz

Organic solar cells

Clemens Simbrunner, Johannes Kepler University Linz

Colour tuning in light emitting devices

Gregor Trimmel, Graz University of Technology

Organic-inorganic hybrid solar cells

Karin Zojer, Graz University of Technology

Drift diffusion based device modelling

18 short lectures (20min. & 10 min. Discussion)

The short lectures will be selected from the submitted abstracts.

Poster Sessions

To stimulate the discussion amongst the participants, all Poster contributions can be presented during the whole winterschool. Special time slots are scheduled from Sunday March 7th – Thursday March 11th before and after the last talk in the evening.

Schedule:

	March 6th	March 7th	March 8th	March 9th	March 10th	March 11th	March 12th
	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
8:30 - 9:30		Tutorial 1	Tutorial 4	Tutorial 6	Tutorial 9	Tutorial 12	Tutorial 15
9:30 - 10:00		short talk 1	short talk 4	short talk 9	short talk 12	short talk 15	short talk 18
			break	break	break	break	SUMMARY
10:30 - 11:30		Tutorial 2	short talks 5-7	Tutorial 7	Tutorial 10	Tutorial 13	
11:30 - 12:00		short talk 2		short talk 10	short talk 13	short talk 16	
12:00		lunch	lunch	lunch	lunch	lunch	lunch
13:00 - 17:00		leisure and social activities	leisure and social activities	leisure and social activities	leisure and social activities	leisure and social activities	
17:00 - 18:00		Tutorial 3	Tutorial 5	Tutorial 8	Tutorial 11	Tutorial 14	
18:00	dinner	dinner	dinner	dinner	dinner	dinner	
19:00 - 19:30	WELCOME	POSTER	POSTER	POSTER	POSTER	POSTER	
19:30		short talk 3	short talk 8	short talk 11	short talk 14	short talk 17	
20:00		POSTER	POSTER	POSTER	POSTER	POSTER	

Deadlines & Addresses

DEADLINES:

Abstract submission: December 4th, 2009
Abstract confirmation: January 15th, 2010
Registration: January 29th, 2010
Final program: February 19th, 2010
Payment: February 19th, 2010
Date of the winterschool: March 6th – 12th, 2010

CONTACT ADDRESS (Secretary):

Birgit Kunert
Institute of Solid State Physics, Graz University of Technology
Petersgasse 16, A-8010 Graz, Austria
Phone: +43 316 873 8961
Fax: +43 316 873 8466
E-mail: birgit.kunert@tugraz.at
<http://www.if.tugraz.at/ws2010/>

Winterschool Site:

Universitaets-Sportheim Graz
Planneralm 15, 8953 Donnersbach, Austria
Phone: +43 3683 3167
Fax: +43 3683 31674

Due to the limited capacity of the site only 70 participants can be accepted to participate in the winterschool.

Abstract Submission

Please submit an abstract to the winterschool. The selection of the participants will be based on the submitted abstracts. All participants can present their work either as a contributed talk or as a poster.

A template for abstract preparation is available in MSWord 2002. Please download the template from the homepage of the winterschool <http://www.if.tugraz.at/ws2010/>. The abstract should have a maximum length of one page.

Please submit your abstract as a WORD file and send it directly to birgit.kunert@tugraz.at

Deadline for abstract submission is December 4th.

Registration:

All attendees of the winterschool including the tutorial speakers are kindly asked to register. Please fill the registration form via the homepage of the winterschool <http://www.if.tugraz.at/ws2010/>. You will get back a confirmation of your registration together with an invoice.

Registration fees:

490 € for a full registration, **420 €** for a student registration

The registration fee includes the accommodation for six nights with full board (breakfast, lunch, dinner). Skiing teachers and lift passes are not included; the rate for skiing teachers for one week will be 80 € (full) / 50 € (students).

Payment:

After your registration you will get an invoice, deadline for payment is February 19th, 2010:

please address your payment to following account:
winterschool on organic electronics
bank account: 51656 101 844
bank: Bank Austria
BLZ: 12000,
address: Bank Austria, Herrengasse 15, 8010 Graz, Austria

IBAN: AT02 1200 0516 5610 1844
BIC: BKAUATWW

Please do not forget to give your name and your university.

General Information

Location:

The site of the winterschool is located in the middle of the Austrian Alps at the mountain range of the so called "Niedere Tauern" at an altitude of 1600 m. The Planneralm is a winter resort (www.planneralm.at, only German), which gives all possibilities for winter sport activities like skiing and snowboarding. In this resort you can find 2 chair lifts and 3 t-bar lifts. There are limited possibilities for cross-country skiing.



It is a small ski resort with a minimal infrastructure, where you can find a small shop, a bar, a pub and further hotels! There is no bank or cash machine, but you can pay nearly everywhere with *MAESTRO*, Visa or Master/Eurocard. So be sure, that you have everything with you. The next village is approx. 30 min by car.

The Universitaets-Sportheim gives the possibility to combine university education with winter sport activities. Approved teachers for skiing, snowboarding, ski-tours will be available for the participants of the winterschool. You have the chance to rent skis, ski sticks and ski boots on site for approximately 100 € for five days. If you are interested in this service, please contact birgit.kunert@tugraz.at. The ski lift ticket for half a day will cost approximately 22 €, for five full days about 130€.

You will need some warm clothes and suitable clothes for skiing (wind and waterproof). It can be cold (-15 °C) in the nights, but it also can be warmer than 0 °C during daytime when sunny. Sunglasses, a ski cap or hat, a shawl, warm gloves, a small rucksack, a thick winter coat and warm winter shoes for cold days are necessary. Casual clothes to wear after skiing are required in the Sportheim. **Slippers are a must for the Sportheim.**

There will be a significant time-slot each day reserved for social interaction and leisure activities. These can for example include skiing. Skiing is associated with an increased risk of injury. Please note that these leisure activities are not an official part of the winterschool. Therefore, the organizers cannot accept any liability for injuries in connection with the winterschool. The participants are required to ensure proper insurance for medical treatment in Austria and for any follow-up costs as well as for mountain rescue when participating in skiing tours. The organizers cannot accept any liability for costs arising from improper insurance.

Accommodation

The conference fee includes the accommodation for 6 nights at the Sportheim and the meals (breakfast, lunch and dinner). The Universitaets-Sportheim could accommodate 70 guests in 2, 3 or 4-persons bedrooms. In detail there are 15 bedrooms for 2 persons, 9 bedrooms for 3 persons and 2 bedrooms for 4 persons available. The standard of the rooms is not very high. The bathrooms and toilettes are in the corridors on each floor. But you will enjoy the familiar and homelike atmosphere.

A modern lecture room, with a video projector, a video- and TV-set, a slide projector, an overhead projector and a flip chart, is located in the Universitaets-Sportheim. Furthermore you can find lounges, a library, a TV-room, a gym and a sauna.

Travel Information:

General:

Recommended arrival on Saturday, March 6th 2010, before 18:00

Departure Friday, March 12th 2009, 12:00

By car:

Please note, that using motorways (Autobahn, signs with a blue background) in Austria, will require a toll vignette for the car. These vignettes can be purchased at any customs office at the frontier and Austrian tobacco shops (Trafik). The vignette for 10 days costs 7,70€.

Please also make sure, that your car is ready for winter. The right equipment can help you avoid winter-driving accidents. In Austria winter tyres (S+M tyres) are obligatory at that time of the year. Please also make sure, that you have **snow chains** with you. The Planneralm is at an altitude of 1600 m!!



From Salzburg (Germany), Villach (Italy)

Motorway **E55/ A10** to **Eben**

Federal road **B 320**, via Schladming to **Trautenfels**

Federal road **B75** via Irdning to **Donnersbach**

To continue along the green road signs **PLANNERALM** for approx. 30 minutes!

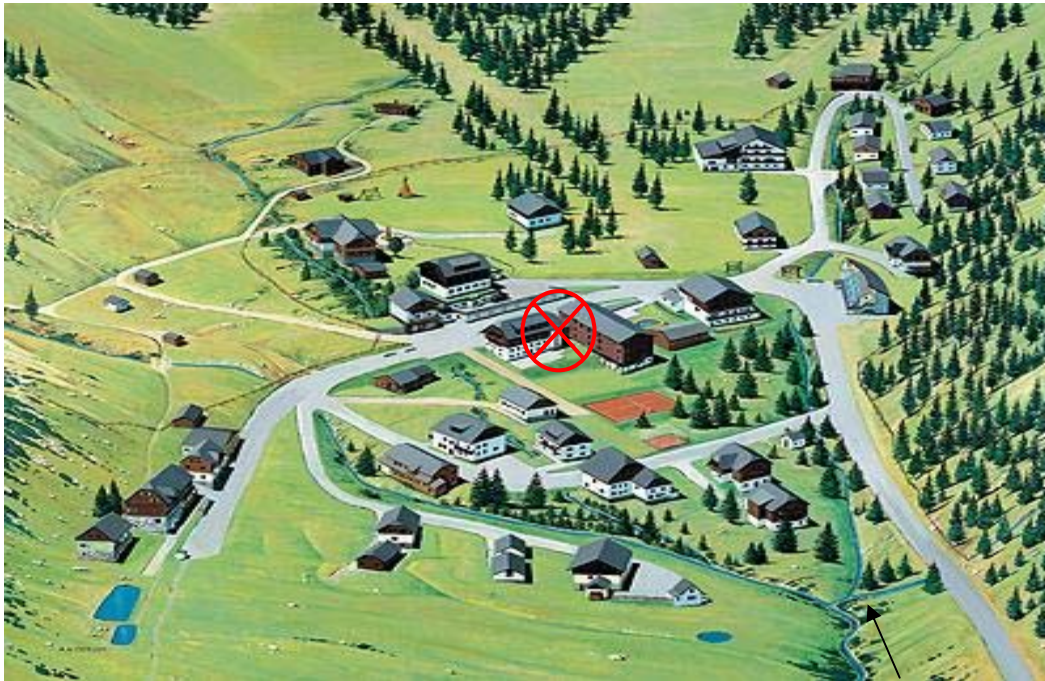
From Linz, Graz, Wien

Motorway **A9** to **Liezen**

Federal road **B 320** via Stainach to **Trautenfels**

Federal road **B75** via Irdning to **Donnersbach**

To continue along the green road signs **PLANNERALM** for approx. 30 minutes!



This is the map of the winter resort Planneralm. The marked two houses are the location of the winterschool.

by train

The Eurocity (EC) and Intereurocity (IC) station **Stainach-Irdning** is located close to the conference site. The transfer from the railway station Stainach-Irdning – Planneralm to the winterschool site takes approximately 1h. Please contact the conference secretary for organising a taxi transfer, the costs are approximately 50€ for one taxi, which can be shared when several people travel at the same time. Alternatively, a ski bus connects the train station with the Planneralm once a day.