



WINTERSCHOOL ON ORGANIC ELECTRONICS
The Role of Interfaces

INFORMATION



January 26th – January 31st, 2008
Universitäts-Sportheim Planneralm
Donnersbach, Austria

The *ICONTROL* project relates to the field of organic (opto-) electronic devices. We address the key components that determine device functionality and efficiency, i.e., the inherently existing interfaces between dissimilar materials in devices.

Program Committee:

E. Zojer, Institute of Solid State Physics, Graz University of Technology

R. Resel, Institute of Solid State Physics, Graz University of Technology

N. Koch, Department of Physics, Humboldt-Universität zu Berlin

J.-J. Pireaux, Laboratoire Interdisciplinaire de Spectroscopie Electronique, University of Namur

H. J. Räder, Institute for Polymer and synthetic chemistry, Max-Planck Institute for Polymerforschung

H. Schoo, TNO-Business Unit Holst Centre

Deadlines & Addresses

DEADLINES:

Abstract submission:	November 1 st , 2007
Abstract confirmation:	November 15 th , 2007
Registration:	December 1 st , 2007
Payment:	December 15 th , 2008
Final program:	January 15 th , 2008
Date of the winterschool:	January 26 th – January 31 st , 2008

CONTACT ADDRESS (Secretary):

Claudia Fritz

Institute of Solid State Physics, Graz University of Technology

Petersgasse 16, A-8010 Graz, Austria

Phone: +43 316 873 8461

Fax: +43 316 873 8466

E-mail: claudia.fritz@tugraz.at

Winterschool Site:

Universitäts-Sportheim Graz

Planneralm 15, 8953 Donnersbach, Austria

Phone: +43 3683 3167

Fax: +43 316 31674

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

Scientific Program

16 Tutorial Lectures (35min. & 15 min. Discussion)

Michael Ramsey (Karl Franzens Universität Graz)

Organics on surfaces: correlation between morphology and electronic structure

Nobuo Ueno (Chiba University)

Interfaces between metals and molecular organic semiconductors

Peter Zeppenfeld (University Linz)

Optical characterisation of organics on surfaces

Georg Heimel (Massachusetts Institute of Technology)

Quantum-mechanical simulation of self assembled monolayers

Héctor Vázquez (Denmarks Tekniske Universitet, Lyngby)

Modelling of Organic/Metal interfaces

Frank Schreiber (Universität Tübingen)

Structural characterisation of organic thin films

Jürgen P. Rabe (Humboldt-Universität zu Berlin)

Scanning probe characterisation of organic layers

Martin Brinkman (Institute Charles Sadron, Strasbourg)

Application of electron microscopy for organic electronic applications

Luca Beverina (Università degli Studi di Milano-Bicocca)

Chemical approaches for tuning organic/inorganic interfaces

Klaus Müllen (Max Planck Institut für Polymerforschung, Mainz)

Functional macromolecules for organic electronics

Gregor Witte (Ruhr-Universität Bochum)

Self Assembled Monolayers: Structure and electronic properties

Barbara Stadlober (Joanneum Research, Weiz)

The role of interfaces for device degradation

Annalisa Bonfiglio (Università degli studi di Cagliari.)

Organic field effect transistors

Dieter Neher (Universität Potsdam)

Organic light emitting devices and interface tuning

Emil List (Technische Universität Graz)

Fabrication techniques for organic electronics

Stephan Harkema (TNO Holst Center, Eindhoven)

Challenges for the industrial realization of organic electronics

23 short lectures (12 min. & 8 min. Discussion)

The short lectures will be selected from the submitted abstracts.

3 Poster Sessions (of all abstracts!)

A special feature of the winterschool will be drawn to stimulate the discussion between the participants. Therefore, also tutorial lectures and the short lectures can additionally be presented as posters.

Abstract Submission

Please submit extended abstracts (including figures and references) via web-based submission on www.if.tugraz/WS2008

Registration:

All attendees of the winterschool including the tutorial speakers are kindly asked to register. Please use web-based registration form on www.if.tugraz/WS2008. Confirmation of your registration will be sent via e-mail.

Registration fee for the winter school:

480 € 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)

Additional fee for ICONTROL meeting (one additional night + board): 55 € (full) 45 € (students)

Payment:

After your registration you will get an invoice, deadline for payment is December 15th.

Bank account: 51656 101 844, BLZ 12000, bank: BA-CA

IBAN: AT02 1200 0516 5610 1844

BIC: BKAUATWW

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 (relatively small) winter resort (www.planneralm.at, only German), which gives all possibilities for winter sport activities like skiing, snowboarding, cross-country skiing, etc.... In this resort you can find 2 chair lifts and 3 t-bar lifts.



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 bancomat, but you could 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 Universitäts-Sportheim gives the possibility to combine university education with winter sport activities. Approved lecturers for skiing, snowboarding, ski-tours will be available for the participants of the winter school. You have the chance to rent skis, ski sticks and ski boots on site for approximately 90 ... 110 €. If you are interested in this service, please contact claudia.fritz@tugraz.at. The ski lift ticket for 5 half-days will cost approximately 130 €.

You will need some warm clothes and wind proofed clothes for skiing. The weather can be cold (-15 °C) in the nights! It can be windy, but it also can be warmer than 0 °C on a sunny day. 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 Winter School. Therefore, the organizers cannot accept any liability for injuries in connection with the winter-school. 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 and the meals (breakfast, lunch and dinner). The Universitäts-Sportheim can accommodate 70 guests in 2, 3 or 4-persons bedrooms. There are 15 bedrooms for 2, 9 bedrooms for 3 and 2 bedrooms for 4 people 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 Universitäts-Sportheim. Additionally you can find lounges, a library, a TV-room, a gym and a sauna.

Travel Information:

General:

Recommended arrival on Saturday, 26th January 2008, 15:00

Departure Friday, 1st of February 2008, 10:00 (for ICONTROL members: 2nd of February 13:00)

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 about 10 €

Please also make sure, that your car is ready for winter. The right equipment can help you avoid winter-driving accidents. Please also make sure, that you have your **snow chains** with you. The Planneralm is at an altitude of 1600 m! In the case of heavy snowfall it might be advisable to leave the car in the valley and take a taxi to the Planneralm



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 Plannersalm. 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 – Plannersalm to the winterschool site takes approximately 1h. Please contact the conference secretary for organising a taxi transfer, the costs are approximately 45€