

# 5th Symposium on Vacuum based Science and Technology

in conjunction with the  
9th Annual Meeting  
of the German Vacuum Society – DVG



**Kaiserslautern, Germany  
September 28-30, 2010**



[www.vakuumgesellschaft.de](http://www.vakuumgesellschaft.de)



Kaiserslautern, September 28 - 30, 2010

## Meeting Fees

- Non Members ..... **350,- €**
- Members of the organising Societies ..... **300,- €**
- Students ..... **150,- €**
- Accompanying person (social event) ..... **75,- €**
- Single Day (no proceedings volume) ..... **100,- €**

Registration before May 1, 2010: 25,- € reduction of the meeting fee.

The fees include lunch, coffee breaks, visiting tours and social events, book of abstracts and proceedings volume.

## Important Dates

Submission of abstracts:	Juni 15, 2010
Notification of acceptance:	July 15, 2010
Early bird registration (reduced fee):	May 1, 2010
Final registration / payment:	August 15, 2010

## Proceedings

The conference contributions will be published as regular articles in a special issue of an international journal. The papers will be subjected to the normal peer reviewing procedure of the journal.

## Accommodation

<b>Hotel Zollamt</b> Buchenlochstraße 1 67663 Kaiserslautern phone: 0631-3166600 fax: 0631-3166666 www.hotel-zollamt.de	<b>Novotel Kaiserslautern</b> St.-Quentin-Ring 1 67663 Kaiserslautern phone: 0631-20150 fax: 0631-27640 www.novotel.com/de	<b>Schulte`s Hotel du Vin</b> Malzstraße 7 67663 Kaiserslautern phone: 0631-201690 fax: 0631-2016919 www.schultes-hotelduvin.de
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## Societies

- **German Vacuum Society (DVG)**  
www.vakuumgesellschaft.de
- **Polish Vacuum Society (PTP)**  
www.ptp.pwr.wroc.pl
- **Swedish Vacuum Society (SVS)**  
www.svs.sp.se
- **International Union for Vacuum Science, Technique and Applications (IUVSTA)**  
www.iuvsta.org

## Industry Exhibition

Manufacturers and sales companies of equipment, products and materials related to all areas of vacuum based science, technology and applications are invited to participate in the industry exhibition. Institutions and organisations being engaged in the conference subjects are welcome to present their aims and activities. The exhibition stands will be placed in the large and bright atrium hall of the conference location in direct vicinity to the lecture hall, the poster area and the coffee bar.



For more details please contact the local organisation.

## Visiting Tours and Social Events

A guided tour through the research facilities of the Institute for Surface and Thin Film Analysis IFOS will be organised.

On Wednesday September 29, a visit to the historical city of Trier will be combined with the conference dinner. Trier is a former Roman metropolis located on the Mosel about 100 km away from Kaiserslautern. As the oldest town of Germany 'Augusta Treverorum' it is impressingly shaped by the roman era.

A welcome reception will be held in the evening of Monday September 27, 2010.



Kaiserslautern, September 28 - 30, 2010

**Registration 5th Symposium on Vacuum based Science and Technology**

Please detach this registrationcard and return it  
within a panel envelope or fax at: +49 (0) 631-20573-3003

5th Symposium on Vacuum based Science and Technology  
**German Vacuum Society - DVG**

c/o Institut für Oberflächen- und  
Schichtanalytik IFOS GmbH  
Trippstadter Straße 120  
67663 Kaiserslautern  
Deutschland



Kaiserslautern, September 28 - 30, 2010

## About the Meeting

The meeting is organised by the Vacuum Societies of Germany, Poland and Sweden and is intended to provide a forum for the presentation and exchange of expertise and recent results on the scientific and technical areas within the common scope of the societies. It continues a series of annual meetings on Vacuum based Science and Technology which was started in 2002 by the German Vacuum Society DVG in order to foster the cooperation between European Vacuum Societies by transnational conferences.

The meetings are combined with an industry exhibition of equipment and materials related to vacuum based technologies and for vacuum production.

## Meeting Topics

The scope of the meeting comprises

- Plasma Physics and Technique
- Applied Surface Science and Surface Technology
- Thin Films and Coatings
- Characterisation of Surfaces and Thin Films
- Bio-compatible Surfaces
- Nanocomposite Coatings
- Nanostructures and Nanotechnology
- Vacuum Science, Technique and Trends

## Meeting Format

The conference topics will be addressed by invited talks given by internationally recognized scientists. Contributed papers, accepted by the Scientific Committee, will be presented in oral or poster form. For online submission of abstracts please go to conference webpage at

[www.vakuumgesellschaft.de](http://www.vakuumgesellschaft.de)

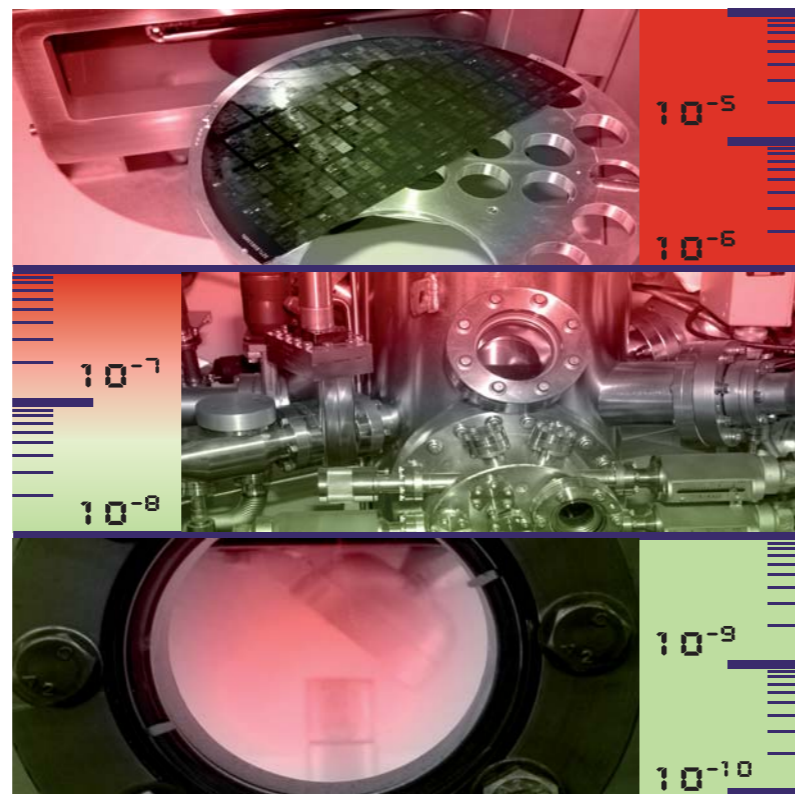
- The conference language is English.

## Venue and Date

The meeting takes place from Tuesday September 28 to Thursday September 30 in the buildings of the modern Fraunhofer Center at the science boulevard of the PRE-Uni-Park in Kaiserslautern. The Fraunhofer Center is close to the campus of the Technical University of Kaiserslautern and the Institute for Surface and Thin Film Analysis IFOS. Kaiserslautern is a modern university city with history and flair, located in the Palatinate Forest and easy to reach by express train and the Autobahnen A6 and A63.

## Vacuum meets Surface

The Symposium on Vacuum based Science and Technology 2010 will be combined with the Working Conference on Applied Surface Analysis AOFA which is held in Kaiserslautern partly in parallel from September 26 (Sunday) to September 29 (Wednesday). The conference language of the AOFA is German with some English contributions. Each conference opens its sessions to the participants of the other one without extra costs. Also, the industry exhibition, conference dinner und excursion will be held together.



## Conference Chair

### Hans Oechsner

Technical University of Kaiserslautern and  
Institut für Oberflächen- und Schichtanalytik IFOS

Trippstadter Straße 120

67663 Kaiserslautern (Germany)

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fax: +49 (0) 631-205-73-3003

e-mail: [oechsner@ifos.uni-kl.de](mailto:oechsner@ifos.uni-kl.de)

## Local Organisation

### German Vacuum Society - DVG

c/o Institut für Oberflächen- und  
Schichtanalytik IFOS GmbH

Trippstadter Straße 120

67663 Kaiserslautern



- Contact Person

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- Conference Office

### Silvia Christoffel

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[www.vakuumgesellschaft.de](http://www.vakuumgesellschaft.de)

## Scientific and Programme Committee

- U. Bergner, Jena, DE
- R. Berndt, Kiel, DE
- D. Grützmacher, Jülich, DE
- W. Gulbiński, Koszalin, PL
- S. Hałas, Lublin, PL
- W. Jitschin, Gießen-Friedberg, DE
- A. von Keudell, Bochum, DE
- J. Kirschner, Halle, DE
- M. Kopnarski, Kaiserslautern, DE
- K.H. Müller, Soest, DE
- W. Precht, Koszalin, PL
- F. Richter, Chemnitz, DE
- M. Szymoński, Kraków, PL
- J. Szuber, Gliwice, PL
- L. Westerberg, Upsala, SWE
- D. Zahn, Chemnitz, DE

## Registration

- Last Name: \_\_\_\_\_
- First Name: \_\_\_\_\_
- Titel: \_\_\_\_\_
- Organisation: \_\_\_\_\_
- Department: \_\_\_\_\_
- Adress, Street: \_\_\_\_\_
- Zip code: \_\_\_\_\_
- City: \_\_\_\_\_
- Country: \_\_\_\_\_
- Phone: \_\_\_\_\_
- Fax: \_\_\_\_\_
- E-mail: \_\_\_\_\_

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Informations about the terms of payment please see the web page

## Attendance

- I attend the Symposium with a contributed paper
  - as an oral presentation
  - as a poster presentationpreliminary titel: \_\_\_\_\_
- I am an invited speaker
- I attend the Symposium without a contribution

