

Second Circular / Call for Abstracts

**The 18<sup>th</sup> International Symposium on  
Olefin Metathesis and Related Chemistry**

**ISOM XVIII**

August 2 – August 7 2009  
Leipzig, Germany



organized by the

**Leibniz-Institut für Oberflächenmodifizierung (IOM)**

[www.isom18.com](http://www.isom18.com)

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Umicore, Germany

### Language

The official symposium language will be English.

## Invitation

On behalf of the Organizing Committee, we are pleased to invite you to attend the 18<sup>th</sup> *International Symposium on Olefin Metathesis and Related Chemistry (ISOM XVIII)*, to be held in Leipzig, Germany, from Sunday, August 2 through noon on Friday, August 7, 2009. This symposium is organized every two years. ISOM XVIII is the follow-up meeting of previous, very successful meetings in Mainz (1976), Amsterdam (1977), Lyon (1979), Belfast (1981), Graz (1983), Hamburg (1985), Hull (1987), Bayreuth (1989), Collegeville (1991), Tihany (1993), Durham (1995), St. Augustine (1997), Kerkrade (1999), Boston (2001), Kyoto (2003), Poznan (2005) and Pasadena (2007). It thus returns to Germany for the third time 33 years after being initiated by Prof. H. Höcker.

Metathesis and metathesis-based technologies have gone a long way. The enormous progress was finally acknowledged by the scientific community by awarding the Chemistry Nobel Prize 2005 to Y. Chauvin, R. H. Grubbs and R. R. Schrock. However, many exciting developments have occurred in the area of metathesis since then. The objective of **ISOM XVIII** is to provide a fruitful platform for cross-disciplinary exchange on the latest developments in this area. A number of leading scientists in that area of research have already agreed to give Plenary and Invited Lectures. I cordially invite you to participate in **ISOM XVIII** and to present your latest accomplishments in that area of research. The program will cover all aspects of alkene and alkyne metathesis including theory and mechanism, catalyst and initiator design, catalyst immobilization, applications in organic synthesis, polymer chemistry, medical chemistry, materials science and chemical engineering. Significant contributions will also be made from leading industry scientists, thus providing a profound insight into the current state of commercial applications of metathesis.

We encourage you to consider submitting a contribution either as a short lecture (20 min) or a poster presenting original unpublished work. We kindly ask you to forward this invitation to any of your colleagues that might be interested in attending.

We look forward to seeing you at **ISOM XVIII**!

Michael R. Buchmeiser  
Chair of ISOM XVIII  
[michael.buchmeiser@iom-leipzig.de](mailto:michael.buchmeiser@iom-leipzig.de)

Ezat Khosravi  
Secretary General  
[ezat.khosravi@durham.ac.uk](mailto:ezat.khosravi@durham.ac.uk)

## Scientific Program

The scientific program will consist of Special Lectures, Plenary Lectures, Invited Lectures, Oral Contributions and at least one Poster Session. In order to create an attractive forum for students to present their work, we will not only give ample time to the Poster Session, but cover the travel and hotel expenses of the 3 best student posters up to 500.- Euro.

## Conference Topics

Alkene and alkyne metathesis  
Theory and mechanism  
Catalyst and initiator design  
Catalyst immobilization  
Applications in organic synthesis  
Applications in polymer chemistry  
Applications in medical chemistry  
Applications in materials science  
Applications in chemical engineering



## Special and Plenary Lectures

- Prof. R. H. Grubbs, Nobel Laureate, Caltech  
*New Catalysts for Olefin Metathesis: Applications in Polymer and Organic Synthesis*
- Prof. R. R. Schrock, Nobel Laureate, MIT  
*New Imido Alkylidene Complexes of Molybdenum and Tungsten that are Chiral at Metal*
- Prof. A. G. M. Barrett, Imperial College  
*Recent Advances in the Total Synthesis of Aromatic Natural Products*
- Prof. J.-M. Basset, CNRS Lyon  
*New Catalytic Reactions Related to Alkane and Olefin Metathesis: the Concept of Single Site-Multifunctional Catalyst*
- Prof. S. Blechert, TU Berlin  
*Stereocontrolled Metathesis Reactions*
- Prof. O. Eisenstein, CNRS Montpellier  
*Optimizing a Catalyst with DFT Calculations*
- Prof. A. Fürstner, MPI Mülheim  
*Mostly Alkyne Metathesis*
- Prof. A. H. Hoveyda, Boston College  
*New Catalysts and Concepts for Stereoselective Olefin Metathesis*
- Prof. K. Wagener, University of Florida  
*Using Metathesis to Control Polyolefin Morphology*

## Invited Lectures

Prof. C. W. Bielawski, University of Texas at Austin  
Prof. M. R. Buchmeiser, University of Leipzig / IOM  
Prof. L. Cavallo, University of Salerno  
Prof. P. Chen, ETH Zürich  
Dr. C. Copéret, CNRS Lyon  
Prof. L. Delaude, University of Liege  
Prof. P. Dixneuf, Université Rennes 1  
Prof. D. Fogg, University of Ottawa  
Prof. V. Gouverneur, University of Oxford  
Prof. K. Grela, Polish Academy of Sciences  
Prof. P. Hanson, University of Kansas  
Dr. V. Heroguez, CNRS-ENSCP-Université Bordeaux 1  
Dr. E. Khosravi, Durham University  
Prof. G. v. Koten, Utrecht University  
Prof. D. Lee, University of Illinois at Chicago  
Prof. B. Marciniak, Adam Mickiewicz University  
Prof. K. Nomura, Nara Institute of Science & Technology  
Dr. C. Slugovc, Graz University of Technology  
Prof. M. L. Snapper, Boston College  
Prof. M. Tamm, University of Braunschweig  
Prof. F. Verpoort, Ghent University  
Prof. M. Weck, New York University

## Abstracts

Please read the Guideline for abstract submission on our website [www.isom18.com](http://www.isom18.com) before starting the submission process.

Abstracts should be not more than one A4 page in length. Please use the abstract template (Word) and follow the format guidelines therein.

Authors may specify whether they would prefer to present their paper as a poster or as an oral presentation (20 minutes).

The abstracts will be reviewed by the ISOM XVIII International Scientific Committee. Authors will be notified about the status of their paper until April 30, 2009.

## Proceedings

Wiley-VCH offered to publish the symposium proceedings in *Macromol. Symp.* We think it would be a nice thing to have the presentations of the symposium (whether oral or in form of posters) in one booklet. Those who intend to submit a short paper (max. 5 pages) should send their manuscript to my attention ([michael.buchmeiser@iom-leipzig.de](mailto:michael.buchmeiser@iom-leipzig.de)) by September 30 2009. For the guidelines and a sample copy please refer to our website [www.isom18.com](http://www.isom18.com). We will have all contributions peer reviewed. In order to avoid any delay, papers that are submitted after September 30 2009 cannot be included into the symposium issue.

## Registration

All conference attendees are kindly asked to register well in advance to the symposium. The conference fee may be paid by Bank Transfer (SWIFT). For details please refer to the website [www.isom18.com](http://www.isom18.com).

All symposium attendees are asked to register well in advance to the symposium. All attendees may pick up their materials at the symposium office.

The symposium fee may be paid by Bank Transfer (SWIFT) to the following address:

IOM Leipzig  
Commerzbank Leipzig  
Account nr.: 1021294  
Bank code nr.: 860 400 00  
IBAN: DE 06860400000102129400  
BIC: COBA DE FF 860

Please indicate as purpose "ISOM XVIII (R.070.205.02) + family name + registration number" on your bank transfer.

NOTE: In case you have transferred the symposium fee and did not obtain the confirmation of receipt by e-mail please bring a copy of the remittance statement to the registration desk.

Alternatively, attendees may pay in cash at the symposium office. Cheques cannot be accepted.

On-site registration is available during the symposium. Again, please note that on-site only cash payment is accepted!

Abstracts shall be submitted electronically through this website.

## Miscellaneous Information

*Excursion:* A half-day excursion for all participants and accompanying persons is planned to the old Saxon town Meissen and its vicinity. We will visit the world famous manufacture of Meissen Porcelain, the medieval streets with its old patrician houses and Saxony's oldest sparkling wine cellars at the Elbe valley, there we will have a dinner.

*Weather:* The Symposium takes place during midsummer where the temperature is usually around 25°C (77°F) during the day and 15°C (59°F) at night.

*Health:* The registration fee does not include insurance for the participants against accidents, sickness, or loss of personal property. All participants are strongly advised to make, in advance, necessary arrangements for short-term health and accident insurance.

*Credit cards:* Major credit cards are accepted in the hotel and in many shops and restaurants. However, participants are reminded that especially smaller shops and restaurants may not be prepared for credit card payment.

## Symposium Fees

Please use the [Online Registration System](#) and register as soon as possible.

	before March 31st 2009	after March 31st 2009
Full registration	<b>EUR 550</b>	<b>EUR 600</b>
Students registration	<b>EUR 175</b>	<b>EUR 225</b>
Industrial	<b>EUR 825</b>	<b>EUR 875</b>
Accompanying person	<b>EUR 275</b>	<b>EUR 325</b>

### **The fee for Academic (Faculty), Student, and Industrial registrants includes:**

Admission to all technical sessions during ISOM XVIII  
Symposium material  
Reception (Sunday August 2 2009)  
Lunch (Monday-Friday)  
Coffee and refreshments during the designated break times  
Excursion and Dinner (Wednesday, August 5 2009)  
1 Ticket to the Symposium Banquet

### **The fee for accompanying persons includes:**

Reception (Sunday August 2 2009)  
Lunch (Monday-Friday)  
Accompanying Persons Program  
Excursion and Dinner (Wednesday, August 5 2009)  
1 Ticket to the symposium Banquet

### **Accompanying persons program:**

Monday                      City of Leipzig – Guided Tour  
Tuesday                     Excursion to Naumburg  
Wednesday                Conference Excursion to Meißen

### **Cancellations:**

Notifications of cancellation submitted in writing prior to July 5 2009 will be entitled to a refund less a €75 processing fee. No refunds will be granted after July 12 2009; however, substitutions may be made until the beginning of the symposium.

## Transportation

Leipzig may be reached conveniently by car, train or plane.

The closest airport Leipzig/Halle (LEJ) offers direct connections to major German and European cities. Several daily connections to the hubs of Frankfurt, Munich, Vienna and Paris allow for a convenient access from all over the world.

For further details please refer to the website [www.isom18.com](http://www.isom18.com).

## Important Dates

<b>Abstract Submission Deadline:</b>	April 30, 2009
<b>Author Notification:</b>	May 15, 2009
<b>Early Registration:</b>	March 31, 2009
<b>Hotel Reservation (Reduced Fees):</b>	May 2, 2009
<b>Registration Deadline:</b>	July 20, 2009
<b>Final Program:</b>	June 1, 2009

## Contact

For permanently updated information and electronic registration please refer to our website: [www.isom18.com](http://www.isom18.com).

Please direct scientific inquiries to

*Prof. Michael R. Buchmeiser*, IOM Leipzig, Germany (Chairman),  
[michael.buchmeiser@iom-leipzig.de](mailto:michael.buchmeiser@iom-leipzig.de)

For all other inquiries please contact the **Symposium Secretariat** at

*Dr. Tom Scherzer* Leibniz-Institut für Oberflächenmodifizierung (IOM)  
Permoserstraße 15, D-04318 Leipzig, Germany  
[info@isom18.com](mailto:info@isom18.com)

## Conference Site / Accommodation

**ISOM XVIII** will take place in Leipzig, Germany. All symposium sessions will be held at the Hotel Westin Leipzig. We have arranged for special prices. Details and a registration form are provided on our conference website. Please make sure to book your hotel before April 30<sup>th</sup> 2009, since the reduced rates will no longer be valid after this date.

04105 Leipzig, Gerberstrasse 15

Tel. +49 341-988-0, Fax +49 341-988-1229

[www.westin-leipzig.com](http://www.westin-leipzig.com)

The hotel is located in the center of Leipzig within walking distance to many sights, restaurants and local attractions.

