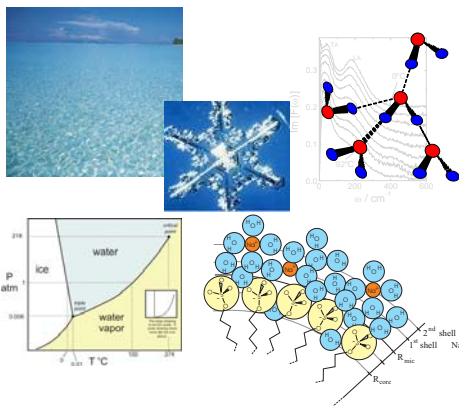




A network of research councils for the development and implementation of joint bottom-up European programmes for curiosity driven research

## Introduction

This flash conference deals with novel approaches to extend the views on chemistry in water. It is not about classical solution routes, but tends to bring together experts on the physicochemistry of water and self organisation with chemists working on modern synthetic routes in water, such as novel hydrothermal processes, microwave reactions, or employing the reactivity of confined water/artificial enzymes. As a result, it is strived for a joint modern view on the possibilities which water chemistry can provide for the society, say as clean water, as a sustainable replacement for organic solvents, and novel processes only enabled by water.



## The conference will cover these topics:

What is so special in water? The present state of art  
Self-organisation in water - chemical aspects  
The role of water for material design, biomaterials etc.  
Replacing organic solvents by water - a major step towards green chemistry  
Controlling chemical reactions in water and confined water  
Purification of water  
Novel hydrothermal processes  
New aspects of industrial water-based processes

## Organising Committee

Werner Kunz, University of Regensburg, Germany  
Thomas Zemb, Marcoule, France

## Confirmed speakers

H. Eugene Stanley, Boston, USA  
Ad van der Avoird, Nijmegen, Netherlands  
Richard Buchner, Regensburg, Germany  
Juan-Manuel Garcia-Ruiz, Granada, Spain  
Daniel Harries, Jerusalem, Israel  
John Finney, London, United Kingdom  
Ivan Brovchenko, Dortmund, Germany  
Chao-Jun Li, Montreal, Canada  
Pedro M. P. Gois, Lisbon, Portugal  
Ferenc Joó, Debrecen, Hungary  
C. Oliver Kappe, Graz, Austria  
Thilo Hofmann, Vienna, Austria  
Véronique Rataj, Lille, France  
Frédéric Goettmann, Marcoule, France  
Gerd Brunner, Hamburg, Germany  
Mika Mänttari, Lappeenranta, Finland  
Raphael Semiat, Haifa, Israel



Pictures by courtesy of Chiemsee Tourismus e.V. & Co. KG



## Contact

German Research Foundation,  
Kathrin Winkler  
e-mail: [Kathrin.Winkler@dfg.de](mailto:Kathrin.Winkler@dfg.de),  
[flash@erachemistry.net](mailto:flash@erachemistry.net)  
phone: +49 (0)228 885 2021  
Information and registration:  
[www.erachemistry.net](http://www.erachemistry.net)

## Accommodation

### Category A

Single Occupancy € 208,- (shower/toilet, sea view)  
Double Occupancy € 168,-

### Category B

Single Occupancy € 168,- (shower/toilet, yard view)  
Double Occupancy € 128,-

### Category C

Single Occupancy € 108,- (shower/toilet on the floor)  
Double Occupancy € 88,-

**Rates are for four days per person. Students and PhD students pay only € 70,- per person and have automatically to take a room of category C. You are asked to pay the amount for accommodation directly to the Abtei Frauenwörth during or after the conference.**

## Board

The price for full board for the conference will be € 160,- which also includes the conference dinner on Wednesday, 21 October 2009. Along with your registration you are asked to transfer this amount of money to the following conference account:

### For international transfer of money:

Professor Dr. W. Kunz  
IBAN: DE17750200730608523740  
BIC: HYVEDEMM447  
HypoVereinsbank

### For transfer of money within Germany:

Professor Dr. W. Kunz  
Account number : 608523740  
Bank identification number: 750 200 73  
HypoVereinsbank

## Registration

There is **no registration fee** for the conference. Attendees are asked only to pay for accommodation and meals Participation will be limited to 100 people. Please register under [www.erachemistry.net](http://www.erachemistry.net) and pay the amount of € 160,- to the account given above.



# ERA-CHEMISTRY

A network of research councils for the development and implementation of joint bottom-up European programmes for curiosity driven research

## Flash Historical Background

In 2007, the European project ERA-Chemistry inaugurated a new style of chemistry conference: the **Flash Conference**. It aims to bring together experienced and young researchers to discuss topics at the frontiers of chemical research.

The Flash Conferences are based around some key points that differentiate them from all existing conferences.

These **5 principles** are:

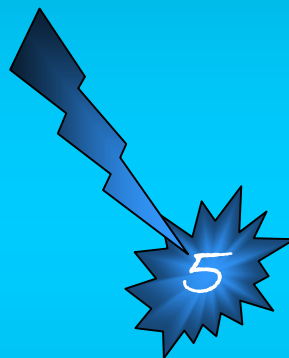
**"Hot topics" approach** - Emerging fields of immediate scientific importance. The selected domains are either at the forefront or should be put to the forefront of European research. The "hot" character to define the topic should be proposed no more than six months in advance.

**Innovative scientific organisation** - The Scientific Advisory Board (SAB) proposes the topics and suggests possible chairperson(s) for the conference, who must be two experts in the field, one of them from the host country. The National Scientific Councils of ERA-Chemistry suggest possible invited speakers, but the Chairpersons remain free to decide whom they wish to invite.

**A limited audience** - The conference is fully open to all researchers, and junior researchers are especially welcome. Each regular attendant must contribute, as far as is possible, with a poster presentation. The maximum number of attendees is between 100-120 with selection of contributions based on quality.

**No registration fees, no profits** - The event is organised at the lowest possible cost. There is no registration fee, with the only costs being for travel and accommodation (except for invited persons).

**A dedicated format** - The conferences are scheduled on a 3 day basis with a mix of long lectures by invited speakers, free-time for discussion and poster presentations, and finally short talks.



## 5<sup>th</sup> Flash Conference of ERA-Chemistry

# Big Task of Water Building and Destroying Molecules in Water

Organisers:  
Werner Kunz, Regensburg  
Thomas Zemb, Marcoule



18 - 22 October 2009

Abtei Frauenwörth/Chiemsee,  
Germany

[www.erachemistry.net](http://www.erachemistry.net)