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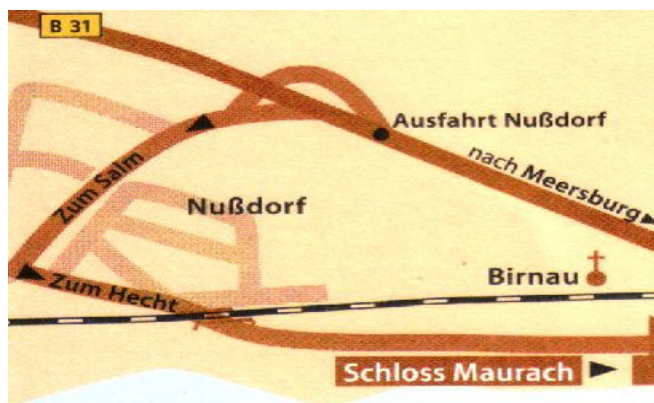
e-mail: maurach@wasserchemische-gesellschaft.de

Web page for registration:

www.wasserchemische-gesellschaft.de/Maurach

Submission of papers:

maurach@wasserchemische-gesellschaft.de

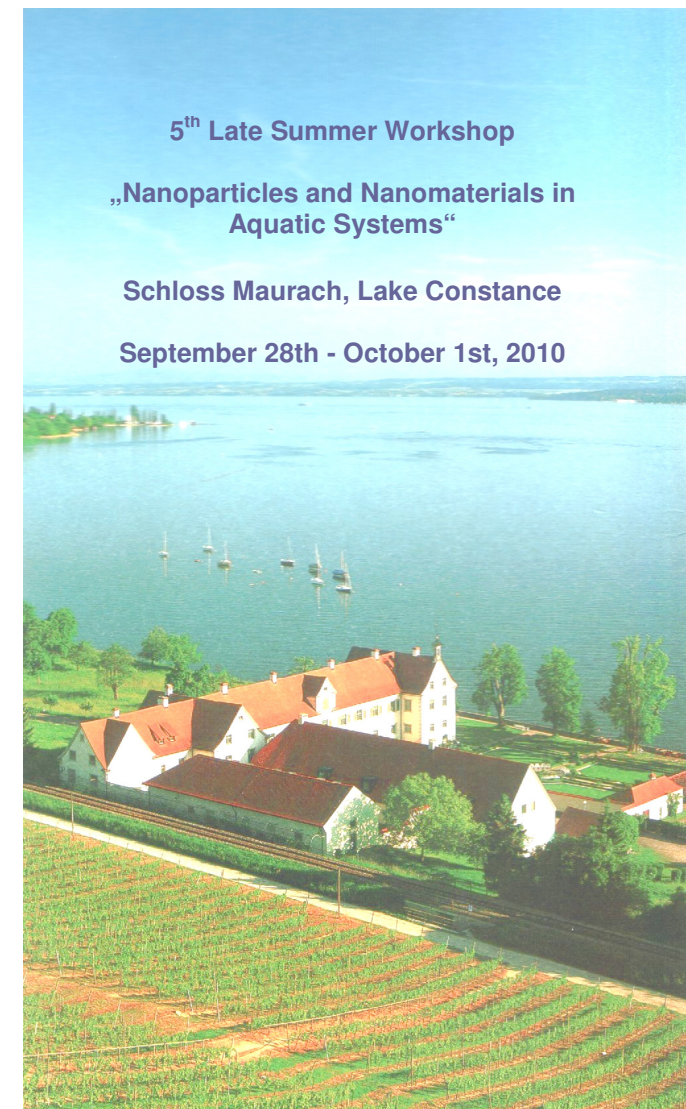


Arrival: Tuesday, September 28, 2010
(afternoon)
Opening: Wednesday, September 29, 2010
Departure: Friday, October 1st, 2010
(afternoon)



Bodensee-
Schloss Maurach

TAGUNGSZENTRUM



5th Late Summer Workshop

„Nanoparticles and Nanomaterials in
Aquatic Systems“

Schloss Maurach, Lake Constance

September 28th - October 1st, 2010



INVITATION

The *Fifth Late Summer Workshop* will discuss the state of research and knowledge on Nanoparticles and Nanomaterials in Aquatic Systems. It will feature invited lectures of outstanding scientists in this field.

Introduction by
Thilo Hofmann, Frank v. d. Kammer, University of Vienna, Austria:

An Introduction to Natural and Engineered Colloids and Nanoparticles

Glenn Waychunas, Berkeley University, USA:

Mineralogy and geochemistry at lower dimensionality: Mineral-water interfaces and nanoparticle-water interfaces

Willem van Riemsdijk, Wageningen University, Netherlands:

Surface characteristics of organic and inorganic nanoparticles and their interaction

Lee Penn, University of Minnesota, USA:

Iron oxide nanocrystal growth and aggregation

Jens Rieger, Harvard University, USA:

Inorganic Nanoparticles in Hard Water

Mark R. Wiesner, Duke University, USA:

Aggregation, reactivity, and toxicity of fullerene-based nanomaterials: Separating fact from fiction

Menachem Elimelech, Yale University, USA:

Aggregation Behavior of Carbon-Based Nanomaterials in Aquatic Environments: Implications for Transport, Fate, and Cytotoxicity

Alistair Boxall, University of York, UK:

Assessing exposure for environmental risk assessment: the challenge of nanomaterials

Charles Tyler, University of Exeter, UK:

Bioavailability and Biological Effects of Metal Oxide Nanoparticles in Fish

Significant time will be given for discussions.
Attendance will be limited to 35 persons.

INVITATION

About twenty-five fellowships covering full board accommodation will be made available for young researchers.

Concept

The *Fifth Late Summer Workshop* has been established by the "Wasserchemische Gesellschaft" (President: Prof. Martin Jekel) to provide a forum for young chemists focused on nanoparticles research. This interdisciplinary approach should aid the development of comprehensive knowledge on all aspects of water chemistry and water quality.

Conference Character

The format of the *Fifth Late Summer Workshop* will be of the Gordon Research Conference type. Discussion and active participation will be integrated.

Special consideration will be given to young scientists. The "Wasserchemische Gesellschaft" feels responsible for development of the rising scientific generation and wishes to encourage individuals to remain in research and active in the development of this field.

Prominent scientists will address the above topics in invited lectures, followed by selected contributions as participant lectures.

Contribution of Papers and Participation

Contributions from the scientific community to the topics of the workshop are welcome. Especially highly qualified researchers from Europe should consider presentation of their research results at this workshop.

Contribution will be possible either in oral form (20min) or as posters to be discussed in special sessions.

INVITATION

Selection of contributed papers will be made by a scientific committee on the basis of the submitted abstracts: Decision criteria will be the scientific quality and relationship to the theme of the conference.

In order to enable participation of young researchers (38 years or younger) a fellowship covering full board accommodation will be made available for 25 selected contributions. Travel expenses are to be paid by the participants.

Participants receiving a fellowship are expected to be present during the entire workshop.

All persons wishing to attend this *Fifth Late Summer Workshop* must register via the web page:

www.wasserchemische-gesellschaft.de/Maurach

and submit their abstract of 2-4 pages (pdf-file) online to:

maurach@wasserchemische-gesellschaft.de

Please register early, but not later than June 30, 2010. Participants selected will be informed by July 31, 2010.

Please note: Due to the nature of the workshop, participation must be confirmed by the organizers. No provisions for accompanying persons of participants have been made.

Participation Fees

None

Accommodation

Room reservation will be made at Schloss Maurach and surrounding hotels. Appropriate forms for reservation will be mailed to all participants selected by August 15, 2010. The Workshop will be held at Schloss Maurach, a small restored castle situated directly at beautiful Lake Constance, with its shores in Germany, Austria and Switzerland.