

90th International Bunsen Discussion Meeting

-First Circular-

“Time-resolved transformations in complex molecular environments: Pushing the frontiers in experiment and theory”

September 26-28, 2005
Göttingen

Organizers: B. Abel and D. Schwarzer (Göttingen)

Energized molecules are the essential actors in many chemical reactions in complex molecular environments such as solvents, supercritical fluids, molecular networks, or clusters. While chemical bonds often break, form, and rearrange on ultrafast timescales, biological transformations often proceed on very different timescales. Therefore, the approaches to record “snapshots” of the molecular dynamics in real-time may be very different. As opposed to classical meetings of this type a somewhat broader range of spectroscopic techniques such as ultrafast linear and non-linear spectroscopy techniques using IR, UV and visible photons, ultrafast X-ray diffraction spectroscopy, as well as NMR spectroscopy will be covered, with relevant timescales ranging between femtoseconds and milliseconds. At the same time novel and efficient theoretical approaches will be highlighted and discussed.

The scope of the meeting is to bring together experimentalists from different fields of time resolved spectroscopy and theoreticians with different theoretical approaches all providing very different snapshots and views of molecular transformations in complex molecular environments.

The meeting will provide a forum to discuss modern developments in experimental and theoretical time resolved molecular dynamics and to explore the advantages and limits of each approach. The program will consist of submitted and invited talks.

The following colleagues have agreed to present invited lectures:

P. Jungwirth – Academy of Sciences, Prague

Th. Elsässer – Max Born Institut, Berlin

N. P. Ernstring – Humboldt Universität Berlin

M. Chergui – Institute de Chimie Moléculaire et Biologique, Lausanne
W. Zinth – Ludwig-Maximilians-Universität München
S. W. Hell – Max-Planck-Institut für biophysikalische Chemie, Göttingen
P. Hamm – Universität Zürich
W. Domcke – Technische Universität München
P. J. Rossky – The University of Texas at Austin
M. Wulff – The European Synchrotron Radiation Facility , Grenoble
D. Marx – Universität Bochum
H. Grubmüller – Max-Planck-Institut für biophysikalische Chemie,
Göttingen
H. J. Bakker – FOM-Instituut voor Atoom- en Molecuulfysica, Amsterdam
P. Vöhringer – Universität Bonn
J. T. Hynes – University of Colorado at Boulder / Ecole Normale
Supérieure, Paris

Beyond the main lectures and contributed talks there will be a poster session.

Submission of Abstracts

Abstract for invited and contributed talks as well as posters should be submitted by Email or Fax. The deadline is July 15, 2005 .

Registration

Participants are asked to register by filling out the registration form. The deadline for registration is August 15, 2005 .

Web page (please check for further information and program)

<http://www.uni-pc.gwdg.de/bunsen90/>

Registration Form

Title (Mr/Mrs, Prof, Dr):

First name:

Last name:

Organisation:

Street:

City with Postal Code:

Country:

Phone:

Fax:

E-mail:

Registration Fee

Regular: EUR 200 (250 EUR after August 1st, 2005)

Student: EUR 90

including coffee breaks, drinks at the poster session, conference dinner

I prefer to pay

- by bank transfer to the following account:
Max-Planck-Institut für biophysikalische Chemie
Deutsche Bank AG Göttingen
BLZ: 260 700 72
Account No.: 0288803
Swift Code: DEUTDE2H260
IBAN: DE96 2607 0072 0028 8803 00
Please provide your name + code " P.S.BICH 7021, Bunsen90" on your bank transfer
- cash at the meeting.

(Please fax this page to the conference office: Fax.: -49-(0)551-393150)

Conference Office

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General Information:

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Email: dschwar@gwdg.de, babel@gwdg.de

Accommodation

Information about Hotels in Göttingen from
<http://www.goettingen-tourismus.de/green/fhsuche.htm>

Recommendations:

Best Western Hotel am Papenberg
<http://www.hotel-am-papenberg.de>
Single room: EUR 75 per night incl. breakfast
Fax: +49-(0)551-3055400

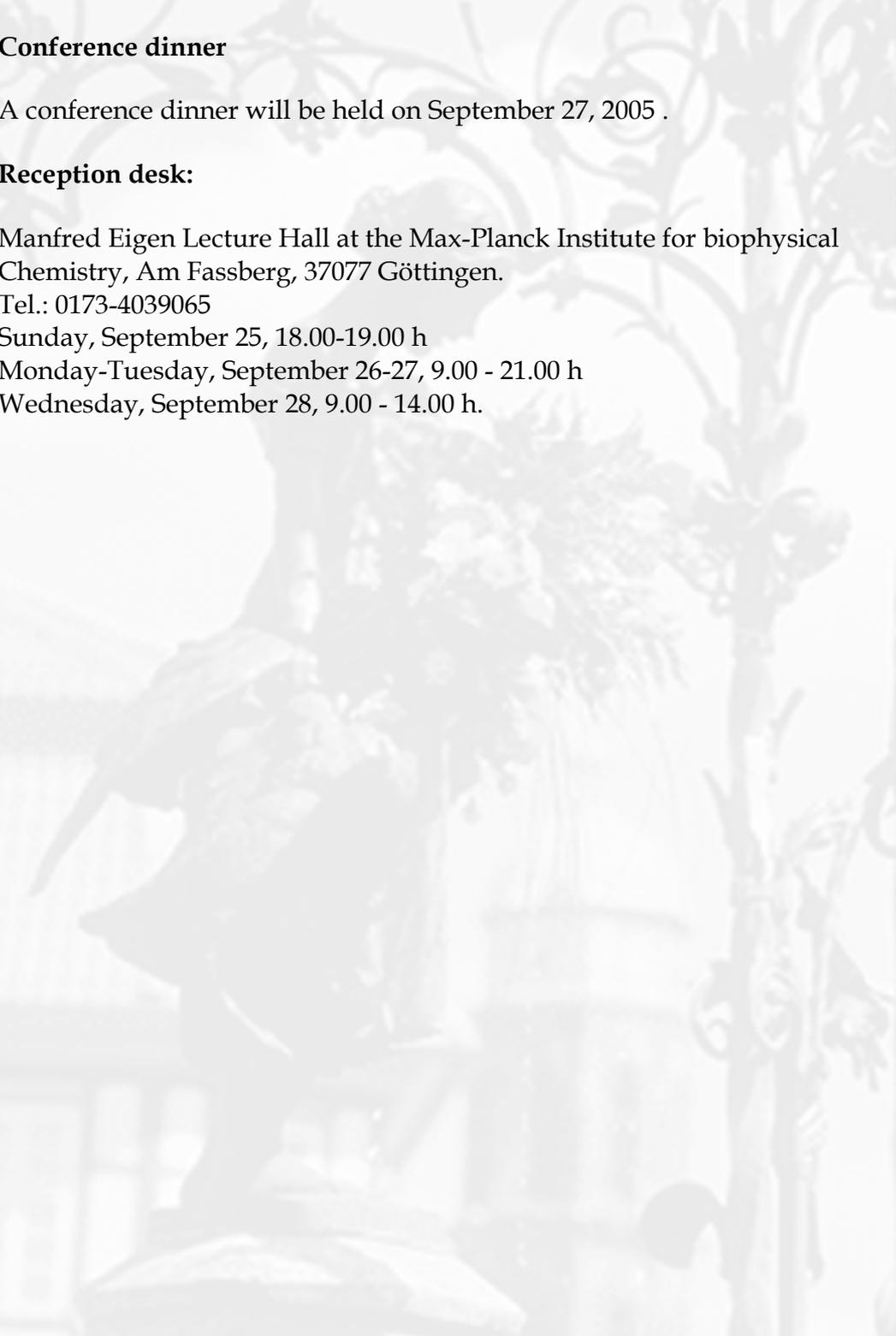
Hotel Beckmann (walking distance from the conference venue)
<http://www.hotel-beckmann.de>
Single room: EUR 50 per night incl. breakfast

If you prefer to stay downtown (if you have a car)
Hotel Stadt Hannover
Single room: 70-85 EUR per night incl. breakfast
<http://www.hotelstadthannover.de>

Conference Venue

The conference will be held in and around the Manfred Eigen Lecture Hall at the Max-Planck Institute for biophysical Chemistry, Am Fassberg, 37077 Göttingen.

For details see <http://www.mpibpc.mpg.de/> → "Adresse und Anfahrt"



Conference dinner

A conference dinner will be held on September 27, 2005 .

Reception desk:

Manfred Eigen Lecture Hall at the Max-Planck Institute for biophysical
Chemistry, Am Fassberg, 37077 Göttingen.

Tel.: 0173-4039065

Sunday, September 25, 18.00-19.00 h

Monday-Tuesday, September 26-27, 9.00 - 21.00 h

Wednesday, September 28, 9.00 - 14.00 h.