

7th European Conference
on
Mineralogy and Spectroscopy

ECMS 2011

Potsdam, Germany

September 4th - 7th, 2011



organized by

Helmholtz Centre Potsdam
GFZ German Research Centre for Geosciences
Section 3.3 „Chemistry and Physics of Earth Materials“

ECMS 2011

Following the European Spectroscopic Conferences in:
Rom (1988), Berlin (1995), Kiev (1996), Paris (2001),
Vienna (2004) and Stockholm (2007)

we invite all interested scientists, students or senior
scientists to the

7th European Conference on
Mineralogy and Spectroscopy - ECMS 2011 -
in Potsdam, Germany, September 4th - 7th, 2011

Organizing Committee:
Monika Koch-Müller (Head), Matthias Gottschalk,
Hans Josef Reichmann, Max Wilke, Beate Hein

IMPORTANT DEADLINES

April 4th, 2011

Grant application including submission of abstracts for grant
applicants

May 2nd, 2011

Registration and payment of registration fee, submission of
abstracts

October 15th, 2011

Submission of manuscripts related to the conference to be
published in the European Journal of Mineralogy in 2012

More information, download forms etc. you will find at:

<http://www.physchemgeo.com/ECMS/>

SCOPE OF THE ECMS 2011

Modern geosciences are not imaginable without spectroscopic methods. Applications of spectroscopical methods such as nuclear magnetic resonance, vibrational, optical or X-ray absorption spectroscopy etc. are now routinely utilized to solve mineralogical and petrological questions.

Its charming characteristic is the use as a local sensor for site-specific properties on materials, from liquids, melts, glasses to poorly crystallized material and crystals. As well as a routine method in the daily life of a geoscientist, spectroscopy is rapidly developing, particularly in spatial resolution of the methods and applying this to in-situ experiments.

These developments allow us to understand better the mineralogy, composition, thermal state and dynamics of the Earth's interior. Many of these developments were possible by utilizing the synchrotron radiation sources worldwide covering a broad range of energies.

Improvements in computational spectroscopy are another objective way to test interpretations of spectra and jointly responsible for the success of spectroscopy. We look forward to interesting presentations and spirited and fruitful discussions of these developments and their applications to geosciences.

PROGRAM

Sunday, September 4th

We start with the registration from 5:00 to 8:00 pm and invite to an Icebreaker Party from 6:00 to 9:00 pm at the GFZ building H.

Monday-Wednesday, September 5th - 7th

On Monday we will start with the 3 full days scientific program with 2 plenary lectures each day, short talks and poster sessions at the GFZ, building H.

Tuesday, September 6th

On Tuesday evening a 3-hour boat trip around Potsdam will take place, which is not covered by the registration fee. Tickets are available for 60,- EUR per person including dinner and beverages - please note your participation in the registration form.

INVITED SPEAKER

Daniele Antonangeli

Institut de Mineralogie et de Physique des Milieux Condenses
Institut de Physique du Globe de Paris

François Farges

Laboratoire de minéralogie
Muséum national d'Histoire naturelle Paris

Anne Hofmeister

Department of Earth and Planetary Science
Washington University

Sergio Speziale

Chemistry and Physics of Earth Materials
GFZ German Research Centre for Geosciences

Michail N. Taran

Institute of Geochemistry, Mineralogy and Ore Formation
National Academy of Sciences of Ukraine

Renata Wentzcovitch

Department of Chemical Engineering and Materials Science
University of Minnesota

LOCATION

The Helmholtz Centre Potsdam GFZ German Research Centre for Geosciences has a good connection to the railway service and to the international airports of Berlin. From Berlin there is an easy access by public transport.



It takes you 15 minutes to go from Potsdam Main Station to the „Albert Einstein“ Campus.

CALL FOR PAPERS AND REGISTRATION

Participants of the ECMS 2011 are asked to submit abstracts for oral and/or poster presentations on topics related to mineral spectroscopy.

You may download the registration form and Word template for the abstract from the website (<http://www.physchemgeo.com/ECMS/>) from March 2nd, 2011.

Please send the electronic version of your

abstract together with the

registration form

payment form (see below) and in case a

copy of the student ID

to the organizing committee (ecms2011@gfz-potsdam.de) until May 2nd, 2011.

Those who want to get a grant should download and send the **grant application** form together with the abstract until April 4th, 2011 to ecms2011@gfz-potsdam.de.

Would you like to present a talk (Powerpoint (Mac), Powerpoint (PC), Keynote (Mac)), or a poster? Please indicate the preferred form of your presentation in the email.

Invited presentation: 40 min + 5 min discussion

Oral presentation: 12 min + 3 min discussion

Poster presentation: Poster size DIN A0 (available space width x height: 90 cm x 120 cm)

PUBLICATION IN EJM

Herewith we invite you to publish your contribution to the ECMS 2011 conference as paper in the European Journal of Mineralogy (EJM) in 2012.

It is the aim of the Managing Editor and the Editorial Board of the EJM to publish a number of selected spectroscopy papers after the 7th ECMS in Potsdam, i.e., up to 10 papers, which corresponds to ca. a half of an EJM-issue. These papers must be original, high-quality manuscripts on topics from mineral spectroscopy. Review articles are not invited, however, may be negotiated with the Editorial Board in special cases. S. Speziale, M. Fechtelkord, V. Khomenko and M. Koch-Müller will act as guest editors.

The deadline of submission the manuscripts is: October 15th, 2011.

The procedure is as follows:

Electronic submission of manuscripts is accepted in the form of a PDF file to the email address of Guest Editor Monika Koch-Müller (mkoch@gfz-potsdam.de) until the deadline. Manuscripts are handled as regular papers in the usual peer-review process with a minimum of two referees. Papers will be rejected immediately, if they are submitted after the deadline (the special issue is strictly scheduled for 2012) or if the quality of science and/or presentation is not acceptable for peer review. Moreover, they will be returned, if they do not obey the EJM guidelines for authors. Submitted manuscripts presenting studies unrelated to the ECMS 2011 program cannot be included in the special issue and will be forwarded as regular manuscripts to one of the Chief Editors.

LANGUAGE

The official language of the Conference is English.

REGISTRATION FEE

The registration fee is

200 EUR regular participants

120 EUR student participants (please send us a copy of your student ID)

Registration fee includes

- Participation in the Conference
- Program and abstract booklet
- Icebreaker Party, lunches from Monday to Wednesday, refreshments and cookies during the breaks

The boat trip with the Conference Dinner on Tuesday evening, September, 6th, is not included in the registration fee. It can be booked for 60 EUR per person - accompanying persons are welcome! Please indicate this on the registration form and add 60 EUR (or multiple) to the conference fee.

GRANTS

There are some grant options which will particularly encourage and help the participation of students, young scientists of promising dedication with first results but limited funds and senior scientists who cannot cover the registration fee on their own or from other funds. Grant includes free registration and boat trip with Conference Dinner. An additional financial support for the travel expenditures with a maximum of 200,- EUR could be granted as well. Only the granted amount mentioned in the financial support letter will be paid out personally during the ECMS 2011 Conference. Scientists, who wish to apply for financial support must be the principal author of their contribution. Applicants should submit an abstract and the grant application form (including a statement of their supervisor) until April, 4th, to ecms@gfz-potsdam.de. Do not forget to send the registration until May, 2nd.

PAYMENT

Download the payment form and fill it out. All payments must be made in EURO (EUR). Payment is possible by bank transfer or by credit card to the account of the Deutsches GeoForschungsZentrum. Please make sure that all bank charges are covered by the sender.

Address your bank transfer as follows:

Name: Deutsches GeoForschungsZentrum

Bank: Deutsche Bank IBAN DE86120700000309388700

SWIFT code DEUTDEBB160

BLZ 120 700 00

AccountNo 3093887

Comment line must contain: T03301-ECMS 2011 and your name

In case of payment by credit card, it is recommended for security reasons to send the payment form by mail or fax (+49 (0)331 288-1402). Others attach the payment form to the registration form.

ACCOMODATION

There are many hotels and pensions of all categories in Potsdam. You may want to search the web (e.g. <http://www.hotel.de>). **Please, book your room as early as possible as September is a preferred season for visitors.**

In the following hotels/pensions we have reserved a room allocation for the period from September, 4th to September, 8th, 2011. Use the key word “**ECMS 2011**” in your room request. In all room prices breakfast is included. **These room allocations are reserved until May, 31st!**

Mercure Hotel Potsdam City, Lange Brücke, 14467 Potsdam

Tel.: +49 (0)331 272-2	Single room: 70,00 EUR/night
Fax: +49 (0)331 293-496	Double room: 85,00 EUR/night
Email: H1582@accor.com	
http://www.mercure.com	

Pension Mark Brandenburg, Heinrich-Mann-Allee 71, 14473 Potsdam

Tel.: +49 (0)331 88823-0	Single room: 48,00 EUR/night
Fax: +49 (0)331 88823-44	Double room: 79,00 EUR/night
Email: info@hotel-pension-potsdam.de	Double room for one person: 60,00 EUR/night
http://www.hotel-pension-potsdam.de	

Pension Unicat, Karl-Liebknecht-Str. 26, 14482 Potsdam

Tel.: +49 (0)331 625112	Single room: 45,00 EUR/night
Fax: +49 (0)331 625110	Double room: 55,00 EUR/night
Email: info@pension-unicat.de	
http://www.pension-unicat.de	

Wannsee-Hof, Kronprinzessinnenweg 252, 14109 Berlin

Tel.: +49 (0)30 56979-905	Single room: 65,00 EUR/night
Fax: +49 (0)30 56979-114	Double room (with 2 separate beds): 65,00 EUR/night
Email: info@wannsee-hotel.de	
http://www.wannsee-hotel.de	Double room: 85,00 EUR/night

Here you may find all important dates and deadlines:

Directly	Grant application form is available on our website (http://www.physchemgeo.com/ECMS/)
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DEADLINE April, 4th	Grant application including submission of abstracts for grant applicants
DEADLINE May, 2nd	Registration and payment of registration fee, submission of abstracts, application for the boat trip with conference dinner
May, 31st	Last day for booking a hotel room from our reserved room allocations (see the hotel list above)
DEADLINE October, 15th	Submission of manuscripts related to the conference to be published in the EJM in 2012