

If you are interested in participation,
please return this form to:

TRePro III 2014

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Websites: <http://trepro2014.ine.kit.edu/>

Please complete all sections in print or type:

Name:

Institution:.....

.....

Address:

.....

e-mail:

Phone:

Fax:

Form of participation:

- With presentation.
 Poster preferred.
 Without presentation

Proposed topic for presentation in session:

A B C D E F

Payment

For payment, you will receive information
from KIT once you are registered.

Keynote Speakers

- A. Francis Claret (BRGM), France
B. Nikola Kallay (Univ. Zagreb), Croatia
C. to be announced
D. Vladimir Cvetkovic (KTH, Sweden)
E. Jorge Molinero (Amphos21, Spain)
F. Lionel Mercury (Univ. Orléans, France)

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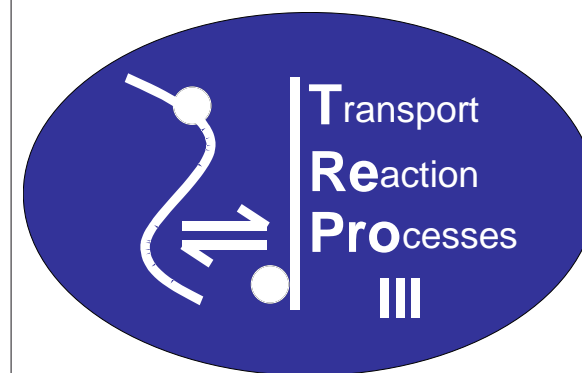


Karlsruher Institut für Technologie

Workshop on Modelling of Coupled Transport Reaction Processes

TRePro III 2014

Karlsruhe, Germany March 05 - 07, 2014



SECOND ANNOUNCEMENT
AND CALL FOR PAPERS

Background

TRePro III 2014 is the 6th meeting in the series of *Geochemical Workshops*. The 1st workshop (FZK, 1997) was concerned with "Geochemical modelling - radiotoxic and toxic chemical substances in natural aquatic systems". The 2nd meeting (Speyer, 1999) focused on "Mineral/water interactions close to equilibrium". TRePro 2002, held in Karlsruhe, dealt with "Modelling of coupled transport reaction processes". SoPro 2005 (Karlsruhe) treated sorption processes on oxide and carbonate minerals. TRePro II 2009 took up the idea of TRePro 2002 and is now followed by the 3rd workshop on reactive transport.

Scope

The intention of **TRePro III 2014** is to serve as a platform for discussing the latest developments in modelling of coupled reaction and transport processes (advection and diffusion controlled systems). The main idea of the workshop is to enhance the discussion between experimentalists and modellers from different domains.

TRePro III 2014 covers the following topics:

- A **Precipitation/dissolution:** clogging phenomena – kinetics - heterogeneity - co-precipitation
- B **Colloids:** filtration – generation - retention phenomena
- C **Temperature and salinity effects** - swelling mechanics – porosity
- D **Sorption/desorption and redox processes:** kinetics -competition
- E **Computational aspects** - needs for performance assessment - exploration - remediation - renewable energies
- F **Emerging fields:** from microscopic analyses to macroscopic predictions

General information

Scientific Programme

Each session will start with a keynote lecture followed by oral contributions of submitted abstracts. One evening poster session is planned for discussion in a relaxed atmosphere.

Proceedings

Following the tradition of the last five *Karlsruhe Geochemical Workshops*, it is planned to publish abstracts as KIT report, which will be made available after the workshop

Call for papers

Interested authors are invited to submit abstracts for oral and poster presentations by **December 20, 2013**.

A template for abstract submission can be download from the workshop website: <http://trepro2014.ine.kit.edu/>

Schedule

December 20, 2013	Abstracts due
January 2014	Authors notified
January 2014	Final program
February 3, 2014	Deadline for registration
March 05-07, 2014	Workshop

Location

The workshop will be held at the **Akademie-Hotel Karlsruhe** (www.akademiehotel-karlsruhe.de), which is located close to Karlsruhe main station.

Registration and accommodation

Registration

The registration form (this flyer) should be completed and e-mailed to trepro2014@ine.kit.edu not later than **February 3, 2014**. One form per participant is needed.

Fee for the workshop is 175 € including a book of abstracts, buffet during the poster session, coffee breaks and meals.

Accommodation

Hotel rooms will be available at the same hotel of the workshop: **Akademie-Hotel** at a rate of 76 € per night (not included in fee).

Am Rüppurrer Schloß 40, 76199 Karlsruhe

Tel: +49 721 98980

e-mail: Hotel.Karlsruhe@bwgvg-hotel.de

Accommodation should be arranged directly with the hotel indicating the keyword TRePro

Organising Committee

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