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

TRePro III 2014
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Name: .................................................................
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☐ I am interested in attending TRePro III 2014 in Karlsruhe, Germany.
☐ I am interested in making a technical presentation at TRePro III 2014.

Proposed topic for presentation in session
☐ A  ☐ B  ☐ C  ☐ D  ☐ E  ☐ F
Background

TRRePro III 2014 is the sixth meeting in the series of Karlsruhe Geochemical Workshops. The first workshop, held in 1997 at Forschungszentrum Karlsruhe, was concerned with “Geochemical modelling - radiotoxic and toxic chemical substances in natural aquatic systems”. The second meeting was held in 1999 in Speyer focusing on “Mineral/water interactions close to equilibrium”. TRRePro 2002, held in Karlsruhe, dealt with “Modelling of coupled transport reaction processes”. SoPro 2005 held again in Karlsruhe treated sorption processes on oxide and carbonate minerals. TRRePro II 2009 took up the idea of TRRePro 2002 and is now followed by the third workshop on reactive transport, TRRePro III 2014.

Scope

The intention of TRRePro III 2014 is to serve as a platform for discussing the latest developments in modelling of coupled reaction and transport processes. The main idea of the workshop is to enhance the discussion between experimentalists and modellers from different domains.

TRRePro 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: 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. 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 extended abstracts as KIT report, which will be made available after the workshop.

Preliminary Schedule

August 2013 2nd announcement / Call for papers
November 2013 Abstracts due
December 2013 Authors notified
January 2014 Final program
March 05-07, 2014 Workshop

Location

The workshop will be held at the Akademie-Hotel Karlsruhe, which is located close to Karlsruhe main station. Hotel rooms will be available at Akademie-Hotel at a rate of 76 € per night (not included in fee).

Please note that there is a limitation in the number of participants (60 approx).

Estimated fee for the workshop is 150 € including meals.

Organisers

Karlsruher Institut für Technologie (KIT)
Institut für Nukleare Entsorgung (INE)
Germany

Paul Scherrer Institut
Labor für Endlagersicherheit (LES)
Switzerland

Commissariat à l'Energie Atomique et aux Energies Alternatives (CEA)
Direction de l'Energie Nucléaire
France

Gesellschaft für Anlagen- und Reaktorsicherheit (GRS) mbH
Bereich Endlagersicherheitsforschung
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Organising Committee

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