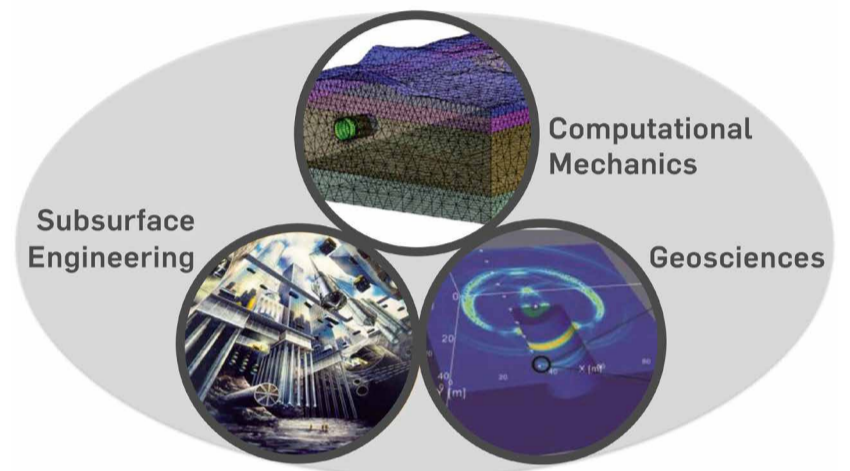


WORKSHOP:

SUBSURFACE MODELING & ENGINEERINGAPRIL 7TH 2016**IC 03/606 - RUHR UNIVERSITY BOCHUM**

Universitätsstraße 150 – 44801 Bochum

The main aim of this workshop is to exchange information on the current research topics of all members of the RD and to discuss possible means of future collaboration within the RD. The workshop starts with invited presentations (Dr. Florian Amann, ETH Zürich and Prof. Dr. Olaf Kolditz, Helmholtz Centre for Environmental Research GmbH) and an overview on three existing collaborative research centers within the RD-SME.

**WORKSHOP PROGRAM – APRIL 7TH 2016 – 10:00 - 16:00***10:00 Welcome***10:10 BACKGROUND AND STATUS OF THE IN-SITU STIMULATION AND CIRCULATION EXPERIMENT***Dr. Florian Amann (ETH Zürich, Switzerland)***10:40 NUMERICAL METHODS IN GEOENERGY APPLICATIONS***Prof. Dr. Olaf Kolditz (Helmholtz Centre for Environmental Research GmbH, Leipzig, Germany)***11:10 EXISTING COLLABORATIVE RESEARCH PROJECTS IN THE AREA OF THE RESEARCH DEPARTMENT 'SUBSURFACE MODELING & ENGINEERING'***International Geothermal Center – Prof. Rolf Bracke (FH Bochum, Germany)**Interaction Modeling in Mechanized Tunneling – Prof. Günther Meschke (Ruhr University Bochum, Germany)**Applied Research on Enhanced Geothermal Energy Systems – Prof. Jörg Renner (Ruhr University Bochum, Germany)**11:40 Break***12:00 SHORT PRESENTATIONS***13:00 Buffet with Poster Presentations***14:30 GENERAL MEETING RESEARCH DEPARTMENT 'SUBSURFACE MODELING & ENGINEERING'**

Discussion on future research cooperations