DEADLINES
Early registration – Feb. 15, 2013
Abstract submission – Jan. 15, 2013

Early Registration Fee:
EUR 350 for individuals. Reduced registration (EUR 250) for students.
Fee after Feb. 15 until April 15 EUR 420 (reduced EUR 300); after April 15 EUR 450 (reduced EUR 350)

Exhibition Opportunities:
Companies interested in an information booth should contact novcare@ufz.de

Organizing Committee:
Peter Dietrich and Thomas Vienken
Helmholtz Centre for Environmental Research - UFZ
Carsten Leven and Olaf Cirpka
University of Tübingen
Jim Butler and Geoffrey Bohling
Kansas Geological Survey
University of Kansas
David Hyndman and Remke van Dam
Michigan State University

Further Information:
For the latest information, go to
www.novcare.org

Call for Abstracts
International Conference NovCare 2013
Leipzig, Germany
May 13-16, 2013

NovCare 2013
Novel Methods for Subsurface Characterization and Monitoring: From Theory to Practice

Date:
May 13-16, 2013

Location:
Helmholtz Centre for Environmental Research – UFZ
Permoserstrasse 15, 04318 Leipzig
Germany

Online-Registration / Abstract Submission:
www.novcare.org

Organizing Office:
NovCare 2013 Organizing Office
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As societal concerns about the long-term sustainability of ground-water supplies mount, there is a pressing need to improve our understanding of the subsurface and to better monitor and characterize natural and anthropogenic-influenced systems.

The environmental research community is facing an increasing demand for investigation methods that have high accuracy and resolution across a range of spatial and temporal scales. Uses for these methods include the identification and parameterization of relevant physical and biochemical processes, as well as the assessment of interactions between these processes through space and time. A particular emphasis is placed on methods that are cost-effective, rapid, and minimally disturb the investigated system.

The 3rd NovCare Conference in 2013 will showcase newly developed and refined methods, novel applications of existing methods, and new concepts for subsurface characterization and monitoring. This conference will provide a rare opportunity for researchers and practitioners to exchange ideas about the field challenges of subsurface characterization and monitoring. Discussion papers will be prepared on two selected topics and discussed in extended sessions at NovCare 2013. Selected papers will be published in a special issue of the ISI journal *Environmental Earth Science*.  

**EXPECTED SESSIONS ON:**

**Thematic Areas**

- Soils and unconsolidated deposits
- Thermal use of the shallow subsurface
- Stream-aquifer interactions
- Flow and transport in the saturated and unsaturated zone
- Geotechnical site characterization
- Watershed characterization
- Long-term monitoring

**Relevant Technologies**

- Geophysics
- Direct-push technology
- Hydrogeochemical field techniques
- Hydrogeological investigation techniques
- Joint inversion of multi-method and multi-scale data
- In situ measurements
- Wireless sensor networks

**Keynote Speakers**

*(Among others)*

- Tony Endres (*University of Waterloo*)
- Tom Lunne (*Norwegian Geotechnical Inst.*)
- Michael Cardiff (*Univ. of Wisconsin-Madison*)
- Dave Walsh (*Vista Clara Inc.*)
- Andreas Dahmke (*Kiel University*)
- Steffen Birk (*University of Graz*)
- Mike Gooseff (*Pennsylvania State University*)
- Philippe Behra (*ENSIACET*)

**Abstract Submission**

Contributions as either oral or poster presentations are welcome. Please submit the abstract for your oral or poster presentation to 

novcare@ufz.de

**Deadline for abstract submission:**

January 15, 2013