

# TSK 14

## SECOND CIRCULAR

Dear colleagues and students,

as announced in springtime this year, the **14<sup>th</sup> Symposium on Tectonics, Structural Geology and Geology of Crystalline Rocks** (TSK 14) will be held in Kiel (Germany) from **March 28<sup>th</sup>-30<sup>th</sup>, 2012**. The symposium is jointly organized by IFM-GEOMAR and the Institute of Geosciences of the Christian-Albrechts-University, Kiel. Thank you for all pre-registrations and the shown interest, which is a great motivation for us!

### SYMPOSIUM

Abstracts for oral and poster contributions are invited in all topics related to Tectonics, Structural Geology and Geology of Crystalline Rocks. Apart from open topics we specifically welcome contributions to the following sessions and workshops, which we believe to promise a high integration of tectonic, geophysical and petrological disciplines:

1. subduction zones and collisional orogens
2. metamorphism, deformation and geochronology
3. fabrics, rheology and deformation mechanisms
4. rifting, spreading and transform faults
5. brittle deformation, neotectonics and earthquake processes
6. pluton emplacement, volcanotectonics und impact geology
7. open topics

The following colleagues have agreed to deliver keynote presentations on these topics: Sumit Chakraborty (Bochum), Taras Gerya (Zürich), Ralf Hetzel (Münster), Ritske Huismans (Bergen), Thomas Kenkmann (Freiburg), Cees Passchier (Mainz) and Lothar Ratschbacher (Freiburg).

### WORKSHOPS

The following pre-symposium workshops will be held on March, 26<sup>th</sup> and 27<sup>th</sup>, 2012:

1. Deformation of polymineralic rocks in nature and experiment (March, 26<sup>th</sup>)  
*Conveners:* Marco Herwegh (Bern), Rüdiger Kilian (Basel) and Erik Rybacki (Potsdam)
2. Landslide processes: Observations and modeling (March, 26<sup>th</sup>)  
*Conveners:* Christian Berndt and Sebastian Krastel (Kiel)
3. Significance of long-term deformation and permeability of rock salt and clay for storage and waste disposal (March, 27<sup>th</sup>)  
*Conveners:* Bernd Leiss (Göttingen), Janos Urai (Aachen) and Gernold Zulauf (Frankfurt)
4. Thermodynamic calculations with the Theriak/Domino software package (March, 27<sup>th</sup>)  
*Convener:* Thorsten Nagel (Bonn)

**The number of participants in each workshop is limited to 20 (first-come-first-served).**

## FIELD TRIP

A two-day field trip dealing with salt tectonics in Northern Germany and the tectonics of the Variscan Harz mountains is planned from March 30<sup>th</sup> in the afternoon, to April, 1<sup>st</sup>, 2012. Program (depending on weather condition): Deformation of the Morsleben salt dome (including underground site visit) and the overlying sediments; Variscan deformation and metamorphism of the Elbingeröder Complex (and the Eckergneis); triangle zone at the Oker valley dam and structures in the carbonates and claystones of the Kellwasser valley.

*Guides:* Carl-Heinz Friedel, Ljuba Stottmeister (Halle/S.), Hans Joachim Franzke (Clausthal) and David C. Tanner (Hannover).

**The number of participants is limited to 15 (first-come-first-served).**

## FURTHER INFORMATION AND DEADLINES

- deadline for abstract submission:	January 16 <sup>th</sup> , 2012
- deadline for workshop and field trip registration:	January 16 <sup>th</sup> , 2012
- deadline for registration and total payment:	January 16 <sup>th</sup> , 2012
- notification of acceptance for contributions:	January 23 <sup>rd</sup> , 2012
- final circular and program:	February 15 <sup>th</sup> , 2012

Current information and updates about the symposium will be given on the TSK14-homepage (<http://www.ifm-geomar.de/index.php?id=tsk14>). Registration and abstract submission will be open online from December 1<sup>st</sup>, 2011.

IFM-GEOMAR will change institutional affiliation on January 1<sup>st</sup>, 2012. Then, the institution will carry the new name “GEOMAR, Helmholtz Center of Ocean Sciences” and have a new homepage. Inquiries in the next year will automatically be forwarded to the new homepage. The same applies to the email-address ([tsk14@ifm-geomar.de](mailto:tsk14@ifm-geomar.de)).

## FEES

- Symposium fee:	90 EUR / 50 EUR (regular rate/student rate)
- Workshops:	10 EUR
- Ice-Breaker Party, Wednesday evening:	Free of charge
- Symposium dinner, Thursday evening:	25 EUR
- Field trip:	160 EUR (including bus travel and two hotel nights with breakfast on Saturday and Sunday)

### Organizing Committee:

**Michael Stipp, Jan Behrmann, Christian Berndt, Volker Schenk, Klaus Ullemeyer and Martina Ikert (secretary)**

IFM-GEOMAR  
Leibniz Institute of Marine Science  
Wischhofstr. 1-3  
24148 Kiel, Germany

Institute of Geosciences  
Christian-Albrechts-University, Kiel  
Ludewig-Meyn Str. 10  
24118 Kiel, Germany

Phone: +49431-6002271  
FAX: +49431-6002922