

Reactive Transport Modelling Course in Bad Boll, Germany, October 2013

The IRTG Fall School had been held successfully in Bad Boll, Germany between the 30th October and the 4th of November 2013. During these 5 days courses we learned much about the reactive processes at the catchment scale. The exciting lectures had been delivered by Olaf Cirpka, Peter Grathwohl, Chuanhe Lu from University of Tuebingen as well as guest professors, Tim Ginn (UC-Davis) and Richelle Allen-King (UC-Buffalo).



Course work

The invited professors gave us fascinating courses about:

- **Mixing and Travel Times** *by Tim Ginn and Olaf Cirpka*
- **Sorption Mechanism** *by Richelle Allen-King and Peter Grathwohl*
- **Geochemical Transport** *by Chuanhe Lu*

Each course was composed of theory and exercises. On the morning the lecturers presented the new concepts and we applied them using Matlab during the afternoon exercises sessions. The courses were very interactive and the exercises sessions were as well the occasion of lively discussions with the lecturers. During the excursion on Wednesday we discovered some interesting regional geological features as an ancient volcano! On the last day, the floor was open to the PhD students who could present their research to the audience. It was as well the occasion of discovering the work of the Canadian students who participated to this fall school.

Summary

The 2014 IRTG Fall School was a very nice experience for all of us. The courses were interesting and they motivated us to learn more about reactive transport. In addition, the guest lecturers were all very helpful and gave amazing presentations.

