

Program

Full day's program

- 07:30 Breakfast
- 09:00 Keynote-1
- 10:00 Keynote-2
- 11:00 Coffee
- 11:30 Keynote-3
- 12:30 Lunch
- 14:00 Short (1 Minute, 1 slide) presentation of posters
- 14:45 Meeting of students with day's lecturers
- 16:00 Poster session
- 18:30 General discussion
- 19:00 Dinner

- **Saturday, 20. August:** Arrival all over afternoon, check in

13:00++ Shuttle service from Groß-Schönebeck train station

13:00++ Registration all over the afternoon

19:00++ Dinner, follow on with Ice breaker

- **Sunday, 21. August:** Full day's program
Global dynamics of the Earth and planets

09:00 Ulrich Christensen,
Dynamos in the Earth and other planets

10:00 Paul Tackley,
Mantle convection with links to geochemistry and seismology

11:00 Coffee break

11:30 Mike Gurnis,
Sea level and basin subsidence from global dynamic earth models

12:30 Lunch

14:00 Short (1 Minute, 1 slide) presentation of posters

14:45 Meeting of students with day's lecturers

15:30 Coffee break

16:00 Poster session

18:30 General discussion

19:00 Dinner

- **Monday, 22. August:** Full day's program
Early Earth; subduction initiation; subduction through Earth history

- 09:00 Nick Arndt,
Komatiites and the cratonic lithosphere
- 10:00 Jeroen Van Hunen,
The evolution of subduction throughout the Earth's history
- 11:00 Coffee break
- 11:30 Taras Gerya,
Initiation of subduction in nature and models
- 12:30 Lunch
- 14:00 Short (1 Minute, 1 slide) presentation of posters
- 14:45 Meeting of students with day's lecturers
- 15:30 Coffee break
- 16:00 Poster session
- 18:30 General discussion
- 19:00 Dinner

- **Tuesday, 23. August:** Half day's program (morning lectures, afternoon excursions)
Seismological and mineral-physics constrains; links to climate

- 09:00 Christine Thomas,
Seismic structures in the mantle
- 10:00 Shun Karato,
Origin of the asthenosphere
- 11:00 Coffee break
- 11:30 Andrey Ganopolski,
Climate change and geodynamics
- 12:30 Lunch
- 14:00 Excursions (different alternatives)
- 19:00++ Special dinner after return in the "Botanikum" near hotel (5 minute walk)

- **Wednesday, 24. August:** Full day's program
Lithospheric dynamics

- 09:00 Onno Oncken,
Constraints from geology and analog models
- 10:00 Eugene Burov,
Models of collision and exhumation
- 11:00 Coffee break
- 11:30 Ritske Huisman,
2D and 3D forward modeling of rift and passive margin formation
- 12:30 Lunch
- 14:00 Short (1 Minute, 1 slide) presentation of posters
- 14:45 Meeting of students with day's lecturers
- 15:30 Coffee break
- 16:00 Poster session
- 18:30 General discussion
- 19:00 Dinner

- **Thursday, 25. August:** Half day's program (morning lectures, afternoon departure)
Melt migration and numerical techniques

- 09:00 Harro Schmeling,
Melt extraction and focusing at mid-ocean ridges: a play in three acts
- 10:00 Laurent Montesi,
Modeling plumes and melt migration in plumes
- 11:00 Coffee break
- 11:30 Boris Kaus,
Numerical techniques for thermo-mechanic-fluid-flow modeling
- 12:30 Lunch
- 14:00 ++ Check out and departure, shuttle service to train station