GeoMod2014 – Hands-on tutorial on"ASPECT: a next-generation geodynamic modelling software" by Anne Glerum and Juliane Dannberg

Thursday 4 September 2014

08:30 - 9:00: Registration

- 09:00 - 10:00: **Tutorial 1:** First Steps – Compiling and Running ASPECT, **Lecture:** How to run and visualize simple models
- 10:00 - 11:15: **Lecture** ASPECT – A next-generation geodynamic modelling software, **Tutorial 2:** Convection in a 2D box
- 11:15 - 11:30: Coffee Break
- 11:30 - 13:00: **Tutorial 3:** Using the adaptive mesh refinement and spherical shell geometry **Lecture:** How to run and visualize simple models

13:00 - 14:00: Lunch break

- 14:00 - 15:15: **Tutorial 4:** Using the adaptive mesh refinement and spherical shell geometry and using the function parser
- 15:15 - 15:30: Coffee Break
- 15:30 - 17:00: **Tutorial 5:** Averaging at the example of subduction and using a "sticky air" layer
- 17:00 - 18:00: **Voluntary:** Installing ASPECT on personal computers

18:30: Joint Dinner (to be payed by the perticipants)

Friday 5 September 2014

09:00 - 18:00: ASPECT Strategy Workshop for Advanced Users: Perspectives for Modelling with ASPECT