## **Commission on Earth Science and Geodynamics**

Commission report for 2008-2009: IASPEI General Assembly in Cape Town, South Africa, 10 – 16 January 2009.

The Commission on Earth Structure and Geodynamics (CESG) organized a Full day Symposium G1, in coordination with the Commission on Tectonophysics and Crustal Structure (CTCS).

## Symposium G1: Earth Structure and Geodynamics.

This symposium had 20 oral presentations and 7 posters organized into the following sessions:

Session 1: Seismic Investigations of core and mantle (6 talks, including invited talks by Hrvoje Tkalcic and Martin V. De Hoop)

Session 2: Heat flow and global dynamics (5 talks, including invited talk by Stephan Sobolev)

Session 3: Lithospheric mantle coupling (6 talks)

Session 4: Lithospheric deformation and great earthquakes (3 talks including invited talk by Kevin Furlong).

Poster Session: (7 posters)