

## Workshop

on

### Analysis of Data from Superconducting Gravimeters and Deformation Observations regarding Geodynamic Signals and Environmental Influences

The workshop which took place in Jena (Germany) end of March 2006 brought together different scientific groups that are closely related. The meeting was within the new framework of the IAG, covering IC-P3 (GGP) which is an inter-commission project of Commission 2 (Gravity Field) and Commission 3 (Earth Rotation and Geodynamics), and WG 3.1.3, a special study group under the Earth Tide Subcommittee 3.1 dealing with the 'Analysis of Environmental Data for the Interpretation of Gravity Measurements'. Additionally a meeting of the new working group on 'High precision Tidal Prediction' and a GGP business meeting were held. Altogether 37 scientists from 17 countries participated, 45 papers were presented. Topics of the workshop were

- § precise computation of earth tides and ocean loading for different geodynamic components;
- § presentation of new analysis techniques, observatories, and instruments;
- § effects on air pressure variations on gravity and their reduction;
- § hydrological signals in gravity;
- § application of geodynamic observations to hydrology;
- § combination of gravity observations derived from different instrumentations;
- § application of gravity and deformation observations to the monitoring of dynamic processes and the study of properties of the earth's body.

Details of the GGP business meeting can be found in the GGP Newsletter #17. Part of the workshop was also a visit to the Geodynamic Observatory Moxa which is located 30 km south of Jena.

Papers related to the presentations given during the workshop as well as some of the abstracts (in place of full papers) are published in this and the next issue of the 'Bulletin d'Information des Marées Terrestres'. ICET has kindly agreed to let their journal once again be the forum in which to publish the proceedings of a 'Jena' workshop.

Finally on behalf of the local organizing committee I would like to thank all participants for coming to Jena and also many thanks for their commitment which resulted in a very productive meeting. It was a pleasure to have you all in Jena and we would be pleased to have you back. A good opportunity for this will be the next Earth Tide Symposium, which will be held in Jena, September 1-5, 2008.

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