

GEOTECHNOLOGIEN Status Seminar "Observation of the System Earth from Space"
 embedded into JCG-Meeting, Potsdam 5-8 July 2004

GeoForschungsZentrum Potsdam, 5 July 2004

No.	Time	Author	Title	Theme
1	09:00-09:20	GEOTECH	Welcome, Introduction, etc.	General
2	09:20-09:40	Schwegmann W.	IERS Information and Database System	IERS
3	09:40-10:00	Drewes H.	The ITRF for Science and Practice in the Future	IERS
4	10:00-10:20	Nothnagel A.	Consistency and combination issues in VLBI data analysis	IERS
5	10:20-10:40	Angermann D.	Towards a rigorous combination of space geodetic data	IERS
6	10:40-11:00	Rothacher M.	Integration of Space Geodetic Techniques and Establishment of a User Center in the Framework of the International Earth Rotation and Reference Systems Service (IERS)	IERS
	11:00-11:20	Coffee break		
7	11:20-11:40	Gruber Th.	GOCE-GRAND and its Role in the ESA GOCE Ground Segment	GOCE
8	11:40-12:00	Schuh W.	GOCE gravity field modelling: A challenge to calculus	GOCE
9	12:00-12:20	Müller J.	GOCE-GRAND: Validation Strategies, Temporal Reductions and Use of GRACE	GOCE
10	12:20-12:40	Ilk K.-H.	The Role of Satellite Gravity and Altimetry Missions for the Detection of Mass Distributions and Mass Transports in the Earth System	GOCE
	12:40-13:00	Short Poster Presentations (IERS, GOCE, Air Grav, Geos.)		
	13:00-14:00	Lunch break		
11	14:00-14:20	Boedecker G.	SAGS4: The New StrapDown Airborne Gravimetry System Prototype	Air Grav.
12	14:20-14:40	Kreye Chr.	Optimisation of Processing Techniques for Airborne Vector Gravimetry	Air Grav.
13	14:40-15:00	Stürze A. {or} Stelkens T.	High precision kinematic GNSS observations up to 50 S/s for airborne gravimetry {or} Augmentation of a Two-Gimbal Gravimeter Platform to a Hybrid Inertial Navigation System	Air Grav.
14	15:00-15:20	Schreiber U.	The Geosensor Project – Measuring True Rotations in Seismology	Geos.
15	15:20-15:40	Igel H.	Consistent Observations of Rotational Motions Induced by Distant Large Earthquakes	Geos.
	15:40-16:00	Coffee break		
16	16:00-16:20	Schwintzer P.	CHAMP Mission and Data Use	DACH
17	16:20-16:40	Maus St.	Main and Crustal field models from CHAMP magnetic field measurements	DACH
18	16:40-17:00	Jakowski N.	Search for Earthquake signatures in the ionosphere by ground and space based GPS measurements	DACH
19	17:00-17:20	Flechtner F.	GRACE Science Data System	GRACE
20	17:20-17:40	Schwintzer P.	Global Mean Gravity Fields from CHAMP and GRACE, and the Combination with High Resolution Surface Data	DACH/ GRACE
21	17:40-18:00	Schmidt R.	Time-Variable Gravity from GRACE and Hydrology	GRACE
22	18:00-18:15	N.N. (Chair)	Final discussion, Further planning, etc.	General
	18:00-open	Icebreaker		