

WORKSHOP PROGRAMME

(1)

Thursday, March 29, 2007

10:00 - 13:00 Registration

13:00 - 14:00 Lunch

14:00 - 14:30 Opening Ceremony

Session 1

Chairmen: Jan Vondrák and Janusz Madej

14:30 - 14:45	Schenk V., Schenková Z., Mantlík F., Grácová M.	Preliminary Geodynamical Pattern of the Bohemian Massif
14:45 - 15:00	Zuchiewicz W., Badura J., Jarosiński M.	Active faulting in Poland in the light of recent studies
15:00 - 15:15	Kostecký J., Kostecký J.	Geodetic Observatory Pecny – fifty years of geodetic research
15:15 - 15:30	Migoń P., Żyszkowska W., Placek A.	Steep slopes in the Sudetes - tectonic and rock control at work
15:30 - 15:45	Hefty J.	Geo-kinematics of Central and South-East Europe resulting from combination of various regional GPS velocity fields
15:45 - 16:00	Cacoň S., Kaplon J.	Recent Activity of the Eastern Part of Sudetic Marginal Fault

16:00 - 16:30 Coffee break

Session 2

Chairmen: Zdeňka Schenková and Stefan Cacoň

16:30 - 16:45	Badura J., Zuchiewicz W., Štěpančíková P., Przybylski B., Kontny B., Cacoň S.	The Sudetic Marginal Fault: a young morphotectonic feature of Central Europe
16:45 - 17:00	Skácelová Z., Žáček V.	Gamma-ray survey in the geological research (Krkonoše area)
17:00 - 17:15	Štěpančíková P., Stejskal V., Valenta J.	Morphological expressions of the Hronov–Poříčí Fault Zone (West Sudeten) and geophysical indications of individual faults
17:15 - 17:30	Koziar J.	Tensional origin of the inversion in the Polish Basin with reference to the tensional development of the Bohemian Massif
17:30 - 17:45	Wojewoda J.	Neotectonic aspect of the Intrasudetic Shear Zone
17:45 - 18:00	Nováková L.	Brittle Tectonics in the Vápenná Quarries

18:00 - 18:15 Coffee break

Session 3

Chairmen: Jan Kostecký and Witold Zuchiewicz

18:15 - 18:30	Vondrák J., Ron C.	Quasi-diurnal atmospheric and oceanic excitation of nutation
18:30 - 18:45	Kudrys J.	Automatic determination of vertical deflection components from GPS and zenithal star observations
18:45 - 19:00	Štefka V., Pešek I.	Implementation of the Vondrak's Smoothing in the combination of EOP and station coordinates from different techniques
19:00 - 19:15	Szczerbowski Z.	The evaluation of salt dome vertical movements in Inowrocław detected by classical precise leveling and GPS surveying techniques

19:45 - 20:30 Dinner

WORKSHOP PROGRAMME

(2)

Friday, March 30, 2007

7:30 - 8:30 *Breakfast*

Session 4

Chairmen: Vladimír Schenk and Piotr Migoń

8:30 - 8:45	Kaláb Z., Knejzlík J., Holub K.	Decade of Seismological Observation in the Northern Part of Moravo-Silesian Region
8:45 - 9:00	Kaczorowski M.	Observations of seasonal plumb line variations obtained with help of the long water-tube tiltmeter, since 2004 to 2005 years in Geodynamic Laboratory of PAS in Książ
9:00 - 9:15	Nehybka V., Tilšarová R.	Seismic activity in West Bohemia in years 1991–2006
9:15 - 9:30	Beziuk G., Mydlikowski R.	Determination of near-surface ground apparent resistivity by means of high frequency mutual impedance measurements
9:30 - 9:45	Stejskal V., Broz M., Kasperek L., Skalsky L., Strunc J.	Results of two years seismo-hydrological monitoring in the area of the Hronov–Poříčí Fault Zone (West Sudeten)
9:45 - 10:00	Staš, L., Knejzlík, J., Souček, K.	First results of conical borehole strain gauge probes application for induced rock mass stress changes measurement

10:00 - 10:30 *Coffee break*

Session 5

Chairmen: Zdeněk Kaláb and Janusz Badura

10:30 - 10:45	Figurski M., Kroszczyński K., Kamiński P.	GPS station coordinates dynamics monitoring by CGS WAT
10:45 - 11:00	Filler V.	Velocity estimation of CZEPOS and VESOG sites from daily LAC-GOP EPN solution
11:00 - 11:15	Kowalczyk K., Rapiński J., Mróz M.	Analysis of modelling vertical movements using various techniques
11:15 - 11:30	Mantlik F., Fučík Z., Schenk V., Schenková Z., Grácová M.	State-of-the-Art of the GEONAS – the GEOdynamic Network of the Academy of Sciences of the Czech Republic
11:30 - 11:45	Zajac M., Kontny B.	Comparison of linear trend and periodic components of GPS time series for selected permanent stations of Central Europe
11:45 - 12:00	Schenkova Z., Schenk V., Mantlik F., Gracova M., Kottner P.	Regional Geodynamic Network HIGHLAND for Monitoring of Recent Crustal Movements of the Eastern Part of the Bohemian Massif

12:00 - 12:15 *Coffee break*

Session 6

Chairmen: Zuzana Skácelová and Bernard Kontny

12:15 - 12:30	Figurski M., Kroszczyński K., Kamiński P.	Mesoscale mapping functions
12:30 - 12:45	Bosy J., Rohm W.	The tropospheric delay estimation for EPN/IGS permanent stations located in the Sudety Mountains and in the adjacent areas
12:45 - 13:00	Grácová M., Mantlik F., Schenk V., Schenková Z.	Data processing of GNSS observations of the GEONAS network – the NAVSTAR and GLONASS satellite systems and effects of extreme meteorological conditions
13:00 - 13:15	Jasiurkowski D.	Some practical procedures using to preparing data for GPS Vector Solution Time Series Analysis

13:30 - 14:30 *Lunch*

Session 7

Chairmen: Otakar Švábenský and Stanisław Ciechanowicz

15:00 - 15:15	Madej J., Porzucek S., Łój M., Zuchiewicz W.	Periodic gravity changes in young tectonic movement investigation of selected areas in the Polish Western Carpathian
15:15 - 15:30	Jochymczyk K.	Geodynamical investigation in the area of mining exploitation in the Upper Silesia Coal Basin – preliminary study
15:30 - 15:45	Banasik P.	Quasigeoid on choose areas of investigations geodynamics

WORKSHOP PROGRAMME

(3)

15:45 - 16:00	Rauch-Włodarska M.	Tectonic shortening of the Western Outer Carpathians in light of the mesostructural data of the Silesian nappe
16:00 - 16:15	Grzempowski P., Badura J., Cacoń S., Przybylski B.	Present vertical crustal movements in the Wrocław section of the Central European Subsidence Zone
16:15 - 16:30	Mydlikowski R., Beziuk G., Szyrkiewicz A.	Detection inhomogeneities in structure of flood embankments by means of D.C. resistivity, GPR and Frequency Electromagnetic Method measurements

16:30 - 17:00 *Coffee break*

Session 8

Chairmen: Jan Hefty and Jarosław Bosy

17:00 - 17:15	Wojewoda J.	Geodynamic interpretation of shape anomalies of the Ścinawka (Sténava) river valley
17:15 - 17:30	Wojewoda J.	The Czerwona Woda Creek: a tectonically controlled mountain river basin
17:30 - 17:45	Švábenský O., Weigel J.	Long-term positional monitoring of station VYHL of the SNĚŽNÍK network
17:45 - 18:00	Jamroz O.	Geodynamical investigations in the local network Śnieżnik Kłodzki
18:00 - 18:15	Mąkowski K., Cacoń S., Jamroz O., Košťák B., Kaczalek M.	Evaluation of rock massif stability in the vicinity and inside the Bear Cave in Kletno
18:15 - 18:30	Kontny B.	Introduction to Field Session

19:00- 22:00 *Dinner - Get Together Party*

Saturday, March 31, 2007

7:30 - 8:30 *Breakfast*

8:30 - 13:00 Field Session (Złoty Stok — Kłodzko)

13:00 - 14:00 *Lunch*

14:00 - 15:00 Discussion and Closing Ceremony