

## PRELIMINARY PROGRAMME

Wednesday 13<sup>th</sup> June 2007

12:00 Registration

13:00 Pekka Heikkinen: Opening address

### Session I: Seismograph stations, monitoring seismology and monitoring technologies

Chair: Matti Tarvainen

13:10 Nedgård, I.: Discrimination of seismic events in Iran by waveforms from the International Monitoring System

13:30 Voss, P.: The Seismological Network in Denmark and in Greenland, and applied research

13:50 Francuzova, V.I. and Popov, D.V.: Seismic network of Arkhangelsk region

14:10 Kværna, T. and Ringdal, F.: The Capability for Seismic Monitoring of the North Korean Test Site

14:30 Moring, M.: CTBT Radionuclide monitoring and the Finnish NDC

14:50 Break

### Session I (Cont.)

Chair: Jens Havskov

15:30 Lindblom, P. and Kortström, J.: Seismic stations and data flow – operators' view on daily routines

15:50 Gibbons, S.J.: Lowering the Seismic Detection Threshold in the European Arctic using the Upgraded SPITS Regional Array

16:10 Bödvarsson, R.: SNSN developments

16:30 Posters:  
Mäntyniemi, P.: Town of Tornio in November 1898: a rare survey of earthquake damage in Finland

17:00 Ice-breaking reception, Exactum, 4<sup>th</sup> floor

Thursday 14<sup>th</sup> June 2007

### Session II: Crustal structure, modelling

Chair: Bela Assinovskaya

- 10:00 Korja, A., Heikkinen, P. and Kosunen, P.: Seismic images of Paleoproterozoic continental growth in Fennoscandia
- 10:20 Heikkinen, P., Koivisto, E. and Kukkonen, I.: FIRE high resolution seismic reflection survey in Outokumpu
- 10:40 Hjortenberg, E.: Fractals and Earthquakes
- 11:00 Break

### Session III: Earthquakes, seismicity

Chair: Ragnar Slunga

- 11:20 Soosalu, H., White, R.S., Knox, C., Jakobsdóttir, S.S. and Einarsson, P.: Discovery of lower-crustal earthquakes down to ~30 km depth near the Askja volcano in north Iceland
- 11:40 Uski, M.: 3D distribution of earthquakes in north-western part Finnish Lapland: Preliminary investigation
- 12:00 Ottemöller, L.: Moment tensor solutions calculated for two M>4 UK earthquakes in 2007
- 12:20 Lunch hosted by the Institute of Seismology at Dynamicum, Erik Palménin aukio 1, top floor

### Session III (Cont.) Chair: Pekka Heikkinen

- 13:30 Heinloo, O.: On Finnish travel-times lines based analysis of local seismic events on territory of Estonia
- 13:50 Assinovskaya, B. and Karpinsky, V.: Ladoga seismic observations
- 14:10 Sveinbjörnsson, H.: Mapping quakes with Google Earth
- 14:30 Mäntyniemi, P.: Research Initiative for a Northern European Intensity Databank (short communication)
- 14:40 **General discussion:** Hot spots in seismology in Nordic countries (data exchange ? education ? etc.)
- 18:00-22:00 Cruise on the boat m/s Merisaraste, starting from the Helsinki Market place, Pier nro 4, beside the Old Market Hall

Friday 15<sup>th</sup> June 2007

Session IV: Seismic risk and seismic hazard assessment

Chair: Tormod Kværna

- 10:00      Havskov, J. and Eltahir, N.B.: Is Sudan dangerous?
- 10:20      Slunga, R.: How microearthquake monitoring of the absolute crustal stress field can be used for improved earthquake warnings
- 10:40      Roth, M. and Blikra, L.H.: Passive seismic monitoring of the Åknes rock slope, Møre og Romsdal, Norway
- 11:00      Saari, J. and Lakio, A.: Seismic Monitoring of Nuclear Waste Repository- Four Basic Applications
- 11:20      Closing Remarks