

## **GIC-23 ESPOO, FINLAND**

Arranged by Geological Survey of Finland (GTK) in co-operation with Geological Survey of Estonia (EGK)

Schedule:

### **5/5 Monday evening:**

**17:00** → *Registration and Icebreaker* GTK main office, Espoo (~10 km from Helsinki City Center)

### **6/5 Tuesday Meeting at GTK Espoo**

**9:00 – 9:15** *Welcome addressed by Hannu Idman, Programme Director GTK*

**9:15 – 9:20** *Opening by Robert Tomas, Executive Secretary in charge*

**9:20 – 9:35** *GTK today Jarmo Kohonen*

**9:35 – 9:50** *Organizational issues (Olli Rantala)*

**9:50 – 10:15** *break*

**10:15 - 12:30** *National Reports*

- Highlights of National reports (8-10 min. each country)
- Discussion burning issues based on national reports (30 min.)

**12:30 – 13:30** *Lunch at GTK*

**13:30 – 15:00** *National Reports (continue)*

**15:00 – 15:15** *Break*

**15:15 – 16:45** *GTK and EGK Presentations*

- An overview of activities and general situation of Geological Survey of Estonia (Jaan Kivisilla EGK and Tuuli Kalberg EGK)
- Northern Europe Geochemistry (NEG) – a metadata-base for 21 international and national regional geochemical databases (Reijo Salminen)
- Nuclear waste disposal investigations (Seppo Paulamäki GTK)
- Field data capture (Esa Kauniskangas GTK)

**17:00** → *Transportation to the Sauna evening*

**7/5 Wednesday: Meeting at GTK Espoo**

**9:00 – 10:30** *Invited Lectures*

- INSPIRE - State of play in ISPRA (Antti Vertanen)  
followed by short presentations of GS representatives (Francois Robida, Kristine Asch, Ian Jackson) about "geological point of view" regarding INSPIRE implementation + discussion (in total 2 hours)

**10:30 – 11:00** *break*

**11:00 – 12:30** *Invited Lectures (continue)*

- Geological Information and the society - role of GSO's; the BGS perspective (lessons learned - insights for the future) (Ian Jackson)

**12:30 – 13:30 Lunch at GTK**

**13:30 – 15:00 Digital archive presentations (Dana Capova)**

- Addressing the long-term storage needs for digital data (Peter Hayoz)
- Digital Archive of Geofond (collecting and making available the final geological reports on internet, including full text searching ...) (Stefan Kacer)
- Digital Archive process at GTK (Maija Pennanen)

**15:00 – 15:15 Break**

**13:30 – 15:00 Internet Map Servers**

- Digital Map Server of SGUDS (General geological maps of Slovakia, Digital geological map of Slovakia in the 50K scale now available on internet ...) (Stefan Kacer)
- Geoscientific applications for Google Earth (Jan Jellema and Jørgen Tulstrup)
- Data deliver and web mapping (Mary Carter)
- Internet Map Services (technologies i.e. ArcGIS Server/WMS, brief summaries of current status, demos, etc.)

**15:00 – 15:15 Break**

**15:15 – 17:30 International projects, initiatives (Robert Tomas)**

- Earth science ontologies and spatiotemporal ontologies --- solving cross-language and cross-domain interoperability problems and enabling intelligent user interfaces (Tomi Kauppinen, Helsinki University of Technology)
- OneGeology (Ian Jackson)
- eWater: New European Information System for Cross border Groundwater management. (Jan Jellema, Dana Capova and Jasna Singoj)

**17:30 -> GIC Steering Group Meeting**

**8/5 Thursday: Meeting at GTK Espoo**

**9:00 – 10:30 International projects, initiatives (Robert Tomas)**

- GEOMIND - a new portal for geophysics as an example of cross-border data exchange (Magdalena Jakobczak)
- Status of GeoSciML v2 and work with GeoSciML Testbed3 (Lars-Kristian Stölen)
- Geoinformatics and geoscience research collaborations for water, hazard, resources, and environment in Asia (Roy Kouda)

**10:30 – 11:00 break**

**11:00 – 12:30 IGC 33 – OSLO Session (Udo Strauss)**

- Coordination actions, discussion for Geoinformation Symposium in IGC33 (Robert Tomas, Udo Strauss, John Broome and Ian Jackson)

**- Free Session for participant's presentations**

- IT Service Developments in BGS (Ian Ainslie)
- Putting the data of a GSO at work by participating in a nationwide Service Oriented Architecture (Jørgen Tulstrup)

**12:30 – 13:30 Lunch at GTK**

**13:30 – 16:15 Afternoon session**

**- Topical Split-up Session (max. 3 groups)**

- New ways of dissemination and promotion of geological information and knowledge
- IT excellence for geoscience applications – networking, HW, OS, backups, security, spam
- 3D modeling – SW, storage, visualization

- Open source and public domain tools, on-line services – IMS, WMS, WFS
- Commercial SW issues (ESRI, ORACLE...., licencing..)
- **Reports on topical groups discussions (3x15 min.)**
- **Closing Session**

**16:30 Transfer to cruising ship**

- Evening (18.30) cruising ship departs for Tallinn
- conference dinner in the ship 21:00
- evening and overnight in the ship

**9/5 Friday: Tallinn**

**8.30 – 13:00 Visit to Geological Survey of Estonia and guided Tallinn Old Town sightseeing.**

**13.30 Cruising ship departs for Helsinki**

- Wrap-up and closure of the meeting on the way back in the ship – if we are short of time and the participation is high

**16.45 arrivals to Helsinki**