

3D MODELLING AND GEOLOGICAL DATABASES

PROGRAM

WEDNESDAY 15TH FEBRUARY 2006

17.00-17.45 Registration and Check-in, Länsiterminaali (West Port), Helsinki

Gates open at 18.00. Ship departs at 18.30. PLEASE REMEMBER YOUR PASSPORT!

18.30 OPEN FORUM (Chair Heikki Puustjärvi)

Conference Room Marilyn, Conference Center, Deck 9

- 18.30-18.50 *Jussi Aarnisalo, Outokumpu Mining Oy & Jouni Vuollo, GSF: OM-GTK Data Transfer Project 2003-2007, Status at Dec. 31, 2005*
- 18.50-19.10 *Juhani Ojala, GSF: FIRE update: the Crustal Architecture of the Central Lapland Greenstone Belt, Fennoscandian Shield and its Implications for Gold Exploration*
- 19.10-19.30 *Marit Wennerström, GSF: Bedrock Mapping in the Helsinki Urban Area; Classification of Joint Data in ArcGis Environment*
- 19.30-19.50 *Jyrki Parkkinen, Parkkinen GeoConsulting: Block Modelling of 3D Scatter Plots*
- 19.50-20.10 *Pentti Noras, GSF: Handbook for Mine Closure*

20.10 Seminar Opening and Welcome

21.30 Dinner at Piazza á la Carte, Deck 7

THURSDAY 16TH FEBRUARY 2006

7.00- Breakfast at Buffet Tallink, Deck 7

8.45 – 10.30 GEOLOGICAL DATABASES (Chair Jarmo Kohonen)

Conference Room Marilyn, Conference Center, Deck 9

- 8.45-9.10 *Matti Nummi, WM-Data: Databases and 3D in WM-Data solutions*
- 9.10-9.35 *Sanna Riikonen, Posiva Oy: Database Solutions in Posiva*
- 9.35-10.00 *Jouko Parviainen, Polar Mining Oy: Polar Mining Exploration Database and Oracle 9i Spatial*
- 10.00-10.25 *Jyrki Korteniemi, Polar Mining Oy: Consultant Proof Drillhole Database*
- 10.25-10.30 *Questions and Discussion*

10.30-11.00 Coffee Break

11.00 - 13.00 3D MODELLING (Chair Jussi Aarnisalo)

Conference Room Marilyn, Conference Center, Deck 9

- 11.00-11.25 *Pia Lähde, ESRI Finland: ESRI GIS Management*
- 11.25-11.50 *Petteri Somervuori, Gridpoint Finland Oy: Surpac Macros for 3D Modelling*
- 11.50-12.15 *Tiina Vaittinen & Pauli Saksa, JP-Ympäristö: Subsurface 3D Modelling for Planning in Civil Engineering Cases*
- 12.15-12.40 *Eeva-Liisa Laine, HUT: Geological and Geostatistical 3D Modelling Using Structures Inferred from Field and Drillhole Observations*
- 12.40-13 *Jussi Mattila, Posiva Oy: Geological 3D Model of Olkiluoto Investigation Site*

13.00 (approx.) Lunch at Buffet Tallink, Deck 7

14.00- 16.00 3D MODELLING continues

- 14.00-14.25 *Petri Saarela, Pyhäsalmi Mine Oy*: Using Geological Data for Production Management in Pyhäsalmi Mine (in Finnish)
- 14.25-14.50 *Rolf Elsrud & Sami Niiranen, Atlas Copco*: MWD (Measure While Drilling) Utilization for Rock Engineering Purposes
- 14.50-15.15 *Nicole Patison, GTK*: 3D geological modelling of drill core data: An example from Suurikuusikko
- 15.15-15.40 *Jukka Välimaa, GTK*: Structural, Geochemical and Magmatic Modelling of the Early Proterozoic Keivitsa Ni-Cu-PGE Deposit
- 15.40-16 *Jyrki Parkkinen, Parkkinen GeoConsulting*: Keivitsa specific gravity: a geostatistical study

16-16.30 FINAL DISCUSSION and coffee. Ship arrives in Helsinki at 16.45.
