SGA Seminar on Northern FENNOSCANDIAN Ore deposits and 3/4D-modelling

Luleå University of Technology
September 7-8, 2015

Monday, Sept. 7 - Ore deposits of Northern Fennoscandia
08:30-09:00  Registration & coffee
09:00-12:30  SGA-sponsored lectures
            Metallogeny of gold in northern Fennoscandian shield- Pasi Eilu, GTK
12:30-13:30  Lunch
13:30-14:00  VMS deposits in the Skellefte district – Rod Allen, Boliden
14:00-14:30  Cu deposits in northern Sweden – Roger Nordin, Boliden
14:30-15:00  LTUs profile in ore geological reserch- Pär Weihed, LTU
15:00-15:30  What economic geologist needs to know about geometallurgy – Pertti Lamberg, LTU
15:30-16:00  Coffee
16:00-17:00  Exploration in plate-tectonic context – Marko Holma

Tuesday, Sept. 8 - 3/4D-modelling of ore deposits and districts
09:00-10:00  Modelling of deposits from deposit to Belt-scales - T. Bauer, LTU
10:00-11:00  Interpretation of geophysical data from the Nautanen area - Thorkild Rasmunssen, LTU
11:00-12:00  3D quantitative mineral potential targeting in the Skellefte District, northern Sweden - Tobias Hermansson, Boliden
12:00-13:00  Lunch
13:00-14:00  GIS-methods in exploration potential mapping - Vesa Nykänen, GTK
14:00-15:00  Geological 3/4D-modelling in Finnish Lapland - Tero Niiranen, GTK
15:00-15:30  Coffee
15:30-16:30  Belt-scale restorations from the Peräpohja Belt – P. Skyttä, Uni Turku

Registration fee 750 €/day for industrial participants, free for students.
Registration (by June 30, 2015) : Tobias.Kampmann@ltu.se

Additional information: pietari.skytta@utu.fi

In collaboration with
Pre- and post-seminar activities for SGA student members

Ten SGA-student members will be taken on the course. There is no registration fee for the pre- and post-seminar activities. However, the students are expected to arrange the required transportation and accommodation during the activities.

Sept 3-5: Field mapping in the Nautanen Shear Zone, Sweden
Hosts Tobias Bauer, LTU and Edward Lynch, SG

Thursday Sept 3
Afternoon – Introduction into the Nautanen Shear Zone geology; excursion in the mapping area

Friday Sept 4
Morning & Afternoon – Mapping exercise in the Nautanen Shear Zone

Saturday Sept 5
Morning – Mapping exercise in the Nautanen Shear Zone
Afternoon – Wrap-up of the mapping exercise, with presentations

Sept 7-8: SGA Seminar on Northern Fennoscandian Ore deposits and 3/4D-modelling
Luleå University of Technology, Sweden; info available on a separate flyer

Wednesday Sept 9: Excursion across the Peräpohja Belt, Finland
Guide Pietari Skyttä, University of Turku
The excursion starts from Tornio and ends in Rovaniemi

Registration (by June 30, 2015) : Tobias.Kampmann@ltu.se
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