



Day 1 - 21st April - Mineral Exploration

Time (EEST)	Session
9:00-10:00	Session 1: Opening - Session Leader Pauliina Liwata-Kenttälä, GTK <i>Welcoming words - Saku Vuori, GTK</i> <i>Keynote: Geologic remote sensing - A personal journey and future trends - Chris Hecker, University of Twente (UT-ITC) Associate Professor in Geologic and Thermal Infrared Sensing</i>
10:00-10:20	Coffee Break
10:20-12:00	Session 2: ESMIN - Session Leader Courtney Allison ESF <i>MultiMiner - Maarit Middleton, GTK MultiMiner</i> <i>DeepBEAT - Tuomo Törmänen, GTK (on site)</i> <i>Moritz Kirsch (HZDR, MOSMIN project (on site)</i> <i>GoldenRAM - Sami Siikanen, VTT (online)</i>
12:00-13:00	Lunch (Registration Required)
13:00-13:45	Session 3: Field Work and Metadata Harmonisation, Product Feedback and Accuracy Assessments - Session Leader Kati Laakso GTK <ul style="list-style-type: none"><i>Field work and metadata harmonization work in the project - Kati Laakso, GTK</i><i>The workflow of gathering feedback from the mining partners and the accuracy assessment work - Kian Pakzad and Sebastian Teuwsen, EFTAS</i><i>The Metadata Database and the field work harmonization work - Holger Paulick and Piotr Lipiarski, GeoSphere Austria</i>
13:45-14:00	Coffee Break
14:00-15:30	Session 4: MultiMiner Mineral Exploration Solutions - Session Leader Martin Schodlok BGR <ul style="list-style-type: none"><i>Exploration case studies at Hochfilzen - Manuel Werdenich, GeoSphere</i><i>Exploration case studies at Stratoni - Panagiotis Daoultziz, Hellas Gold</i><i>Exploration case studies at Kallyntiri - Marianthi Anastasatou, HSGME</i><i>MultiMiner approach for mineral exploration - Martin Schodlok, BGR</i><i>MultiMiner exploration tools developed: Mineral Prospectivity Wizard - Matthias Kahl, TUM</i><i>Tailings storage facility (TSF) mapping at Olympias - Martin Schodlok, BGR</i>
15:30-15:50	Coffee Break
15:50-17:15	Session 5: MultiMiner Mineral Prospectivity Training <ul style="list-style-type: none"><i>MultiMiner Mineral Prospectivity Wizard, Matthias Kahl, TUM</i><i>Spectral unmixing for TSF mineral mapping, Alireza Hamedianfar, GTK</i>



Day 2 - 22nd April - Timely mine site Monitoring

Time (EEST)	Session
9:00-9:40	<p>Session 6: Opening - Session Leader Pauliina Liwata-Kenttälä GTK <i>Welcoming words Pauliina Liwata-Kenttälä, GTK</i> <i>Keynote: AI and Earth Observation for Europe's Critical Raw Materials: From Exploration to Mine Monitoring - Roberto De La Rosa, Beak Consultants GmbH (online)</i></p>
9:40-10:25	<p>Session 7: MultiMiner Timely Mine Site Monitoring Solutions - Session Leader Matthieu Molinier VTT</p> <ul style="list-style-type: none"> • <i>MultiMiner approach for timely mine site monitoring - Matthieu Molinier, VTT</i> • <i>Vegetation monitoring - plant diversity estimation - Pinja Lindgrén, VTT</i> • <i>Water quality and Acid Mine Drainage (AMD) monitoring - Veronika Kopačková-Strnadová, CGS</i>
10:25-10:40	Coffee Break
10:40-12:00	<p>Session 7 Continued: Timely Mine Site Monitoring Solutions - Session Leader Matthieu Molinier VTT</p> <ul style="list-style-type: none"> • <i>Atmospheric and surface dust monitoring - Veronika Kopačková-Strnadová, CGS</i> • <i>Open pit stability and dam stability monitoring - Pius Kirui, BGR</i> • <i>Ground moisture monitoring - Oleg Antropov, VTT and Alireza Hamedianfar, GTK</i> • <i>Generic Mine Site Monitoring - Yang Mu, TUM</i>
12:00-13:00	Lunch (Registration Required)
13:00-14:00	<p>Session 8: Panel Discussion on EO in Mineral Exploration and Timely Mine Site Monitoring - Session Leader Jonas L'Haridon ESF</p> <ul style="list-style-type: none"> • <i>Michael Rast, ISSI</i> • <i>Andreas Mütterthies (EFTAS)</i> • <i>Veronika Kopačková-Strnadová (MultiMiner/CGS)</i> • <i>Roberto De La Rosa, Beak / DeepBEAT /</i> • <i>Moritz Kirsch (HZDR, MOSMIN project)</i> • <i>Friederike Körting (NEO HySpex, m4mining project)</i>
14:00-14:20	Coffee Break
14:20-16:30	<p>Session 9 Training Workshop on Timely Mine site monitoring algorithms - Session Leader Yang Mu TUM</p> <ul style="list-style-type: none"> • <i>GSM Demonstration</i> • <i>Open source tools for water monitoring - Martin Kýhos, CGS</i>