

Program Day, Swedish Mining Innovation

When: November 7, 09:00-16:30 CET

Where: Vinnova, Mäster Samuelsgatan 56, Stockholm

Program

09:00 Arrival, coffee & Mingle

09:30 Welcome, introduction, practical arrangements, safety

Information from Vinnova

Information from Program

09:50 Mining

2023-03032 Improved stope design guidelines based on Stability Graph Method for Swedish underground mines

2023-03037 Framework for risk-based pillar design in underground mines

2020-04459 Destressing strategies for mining under highly stressed conditions in the deep mines of Sweden

2021-04663 Stress changes in underground mines – from investigation to practical tools

2021-04650 A general digital twin driving mining innovation through statistical and logical modelling

2021-04714 Radarize

10:40 Break/Mingle

2021-04693 Adaptiv Automation for Face Drilling

2021-04695 Development of digital twin for rock drilling

11:15 Recycling and by-products

2021-04720 Semi-automated Dismantling System for Battery Metal Recovery and Recycling

2023-03041 Sustainable strategic metals supply by recycling end-of-life thin-film solar cells (SMART)

2023-03040 Recovery of precious metals from E-waste by sustainable porous membranes (ReMe2)

2022-03355 Transforming mining residues to valuable products Stage II

2022-03340 Lignin is the new reagent-based solution in mining

12:00 Lunch

13:00 Environment

2022-03357 Waste2Place

2023-03036 ReMOSS: Ecological restoration of post-mining landscapes with native moss

2023-03034 Construction and evaluation of mine cover systems with upgraded soil – Experience gained from laboratory and pilot

2021-04711 Reduced environmental impact and promote safety during blasting RENIS

2023-03033 Innovative technology enabling selective removal of mercury from concentrated acids

2021-04669 Sulfate removal from mine leachate – development of full-scale bioreactor system (SULFREM)

xxxx-xxxxx TBD

13:55 Stretch

14:00 Processing

2021-04692 ARBS: Energy Efficient Comminution

2021-04694 Oxygen as enabler for energy-efficient and climate-neutral iron oxide processes and products

2021-04710 Fossil-free combustion in grate-kiln pelletizing plants using co-jet burner

2023-03035 ATTEST: Grindability test instrument for estimating rock attrition

2023-03042 Designed Collectors for Selective Flotation of Sulfide Minerals

14:40 Break/Mingle

15:10 Diverse

2022-03373 Sustainable and innovative exploration and exploitation of Swedish lithium ores

2021-04649 Roadmap for attractive, inclusive and safe mine work

2020-04458 Metals4U+ Mineral raw materials for a green and digital future

Boosting engagement in EU Projects

15:45 Question Period

Closing words

16:00 Mingle time with refreshments

16:30 Mingle closes