

SWEDISH MINING RESEARCH & INNOVATION DAYS

26

19 - 20 May | Luleå, SE

Swedish Metals
& Minerals
impact innovation

svemin.

LULEÅ
UNIVERSITY
OF TECHNOLOGY

CAMM
CENTRE OF ADVANCED MINING AND METALLURGY
CRM
CRITICAL RAW MATERIALS

Program 19 – 20 May | Kulturens hus, Luleå

19 May

12:30-13:00 Registration and coffee in the Innovation Showroom

13:00-13:20 Welcome – CAMM-CRM, Swedish Metals & Minerals & Svemin

13:20 CRMs: A global Outlook

Research to Accelerate Critical Minerals and Sustainable Development in SW England

Frances Wall, Professor of Applied Mineralogy at Camborne School of Mines, University of Exeter

Critical Minerals, Metals and Materials; a global overview

Simon Jowitt, Director of the Nevada Bureau of Mines and Geology and Nevada State Geologist

14:00-14:30 Global trends, local implications – Panel discussion

Frances Wall, Professor of Applied Mineralogy at Camborne School of Mines, University of Exeter

Simon Jowitt, Director of the Nevada Bureau of Mines and Geology

Magnus Ericsson, Consulting professor, Luleå University of Technology

Pär Jonsén, CTO LKAB Business Area Special Products

14:30-15:00 Coffee and mingle in the Innovation Showroom

15:00 CRMs: A Swedish perspective

From mining waste to critical raw materials – LKAB ReeMAP Project

Pär Jonsén, CTO LKAB Business Area Special Products

Focused on core metals, open to opportunities

Kasper Huuska, Product Manager, Special Products, Boliden Mines

Government Assignment – Infrastructure for Test/Pilot Facilities for Critical Raw Materials

Bertil Pålsson, Senior Lecturer, Mineral Processing, Luleå University of Technology

15:45 Leg stretcher –“Stand up” with Niclas Dahlström

Head of Social Innovation, Swedish Metals & Minerals

15:55 R&I projects on Critical Raw Materials

TECTONiSM – Tectonic controls on critical raw material prospectivity in mafic intrusions - towards a mineral systems model for Ni-Cu-(PGE) in northern Sweden

Joel Andersson, Senior Lecturer, Ore Geology, Luleå University of Technology

OPTIREEP – Recovery of REE and Phosphorus from a Variety of Minerals

Adam Isaksson, PhD student, Luleå University of Technology

NARMIN II – Proof of concept: Algae technology for mine water treatment

Sarah Conrad, Senior Lecturer, Applied Geochemistry, Luleå University of Technology

16:25 Scandium the neglected REE

Michael Bau, Professor of Geoscience at Constructor University, Bremen

16:40 Bergforsk Award

Best Master Thesis

Best Licentiate Thesis

Best Doctoral Thesis

17:00-19:00 Mingle in the Lounge area "The Smelter Social" with Bubbles & Bites

20 May

08:00-08:30 Coffee and mingle

08:30-08:45 Welcome

Birgitta Bergvall-Kåreborn, President, Luleå University of Technology

08:45 A resilient Europe

Resources Are Not Enough: Collaboration, Geoscience, and European Resilience

Julie Hollis, Secretary General, EuroGeoSurveys

Norwegian mapping of critical and strategical raw materials in industrial sidestreams

Stine Skagestad, Head of Circular Economy, Eyde Cluster

09:30 Funding opportunities

RAMP – Raw Materials Partnership for the Green and Digital Transition

Tobias Kampmann, Programme Manager, Vinnova

Swedish Metals & Minerals – Funding opportunities and roadmap

Maria Swartling, Program Director

09:50-10:15 Coffee and mingle in the Innovation showroom

10:15 Sweden's contribution to resilience

Research and Innovation Actions within CAMM-CRM

Nils Jansson, Associate Professor and Director CAMM CRM

Importance of strengthen research and innovation capability in the Swedish mining sector

Lotta Lewin-Pihlblad, Ministry of Climate and Enterprise, The Government of Sweden

How the Nordic Region can set the Standard for minerals - a geopolitical perspective

Bledar Beqiri, Project Manager, Standardization at the Swedish Institute for Standards

11:05 What strengthens Europe's resilience? – Panel discussion

Jenny Greberg, Vice President Technology LKAB

Julie Hollis, Secretary General, EuroGeoSurveys

Katarina Nilsson, Director Research and Innovation, Svemin

Pär Weihed, Professor and Vice President, Luleå University of Technology

Tobias Kampmann, Programme Manager, Vinnova

11:25 -11:55 Human-Centric AI: Unlocking innovation at every level

Emelie Fågelstedt, Independent Strategist and AI Advisor, Fågelstedt Kommunikation

11:55 Closing words

12:00 "Wrap-up" mingle in the Innovation Showroom (Wraps and beverages are served)