

## MiMaC seminar March 13<sup>th</sup> - 14<sup>th</sup>, 2024

# SECONDARY RESOURCES

Place: Clarion Hotel Brattøra

### Program March 13<sup>th</sup>

11:30 - 12:30	Registration and Lunch
12:30 - 14:00	MiMaC instruments and ongoing relevant projects at the MiMaC nodes:
12:30	<i>MiMaC @ SINTEF: LA-ICP-MS characterization of critical materials</i> Debora Foppiano, Research Scientist, SINTEF Industri
12:50	<i>Characterization of Critical Minerals in Historic Mine Tailings</i> by Nikita Malafeevskiy, NTNU, Dep. Of Geoscience and Petroleum
13:10	NTNU, Dep. of Materials Science and Engineering
13:30	Break
13:45	Geological Survey of Norway (NGU)
14:10 - 17:30	Invited speakers - 30 min presentation/10 min discussion
14:10 - 14:50	<i>Use of mine tailings to make alkali-activated cement</i> by Ida Marie Gabrielsen, research geologist, <b>Saferock</b>
14:50 - 15:10	Break
15:10 - 15:50	<i>Valuable secondary sources: the circular success story and the challenges of the precious metals industry</i> by Federica Mudu, FoU manager, <b>KA Rasmussen</b>
15:50 - 16:30	<i>Recovery of phosphate and REE from iron flotation tailings</i> by Bård Bergfald, board member, <b>Grangex</b>
16:30 - 16:45	Break
16:45 - 17:25	<i>The recovery of REE from end-of-life products</i> by Ana Maria Martinez, Senior Research Scientist, <b>SINTEF Industry</b>
18:00	Aperitif and dinner in the hotel restaurant

### Program March 14<sup>th</sup>

09:00 -13:00	Invited speakers - 30 min presentation/10 min discussion
09:00 - 09:40	<i>Recycling by metal screw extrusion – The Nuvosil way</i> by Geir Kvam-Langelandsvik, <b>SINTEF</b>
09:40 - 10:20	<i>Flyash as a resource for critical metals and minerals</i> by Gabriella Tranell, Professor research group on Resources, Energy and Environment, <b>NTNU</b>
10:20 - 10:40	Break
10:40 - 11:20	<i>Mining waste use of UNFC and is it a secondary resource?</i> by Ronald Arvidsson <b>Geological Survey of Sweden (SGU)</b>
11:20 - 12:00	<i>Implementing circular economy using secondary resources from mining tailings and industrial slags at HIF, HZDR</i> by Dr Ajay Patil, <b>Helmholtz Institute Freiberg for Resource Technology</b>
12:00 – 13:00	Lunch

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