

8th Scientific Seminar

December 1-3, 2021

Agenda



Time (CET)	Topic	Speaker
December, Wednesday 1		
14:00	Welcome – Introduction	Andrzej Chmielarz, President Stéphane Bourg, Chairman
14:15	Application of the FrothSense system and Florida 400 system to an online analysis of froth surface and elemental composition for continuous sulfide copper flotation	Alona Nad, GTK
14:45	Impact of particle size on chalcopyrite bioleaching	Adeline Po, BRGM/LGC
15:15	Thermo-kinetic modelling of the acidic leaching of anorthosite: key learnings toward the conception of a sustainable industrial process	Thomas Neron, LGC
15:45	Coffee Break	
16:30	Hydrogen pre-reduction of Manganese ore	Bertil Farjaudon, ERAMET
17:00	Tailoring the electrowinning for recovery of trace precious metals	Ivan Korolev, GTK
17:30	Invited talk – CIME, a new pilot facility in Europe	Bénédicte Morjon, ORANO
18:00	End of the day	
19:30	Invited Dinner	

December, Thursday 2

09:00	Developments of bioleaching in BRGM and its application to urban mine wastes	Agathe Hubau, BRGM
09:30	Recovery of rare earth elements from the phosphogypsum. PuREE-project	Santeri Kurkinen, LUT
10:00	Zinc recovery from hard to recycle industry wastes	Lucy Smith, MPI
10:30	Coffee Break	
11:15	Development of an innovative technology to separate recycled copper cable granulates into red copper (Cu) and tinned copper (CuSn) by the application of the hybrid methods of mechanical separation	Piotr Madej, IMN
11:45	Study of metal recovery from Printed Circuit Boards by physical-mechanical treatment processes	Camila Mori de Oliveira, POLITO
12:15	Invited talk - Additional influences to criticality: an overview of what is included and what is not in current assessments	Gian Andrea Blengini, POLITO
12:45	Lunch	
14:00	Invited talk – On the way to the next criticality assessment	Daniel Cios, DG-GROW
14:30	Invited talk – EIT RawMaterials education and innovation	Didier Zimmermann, EIT RawMaterials
15:00	Invited talk – Roadmap of WG2 (raw materials and recycling), Battery Europe	Sonja Nurmi, Aalto University
15:30	Coffee Break	
16:15	Measuring technology critical elements in urban mine waste: the case of Li-ion batteries	Claire Dalencourt, ERAMET
16:45	Design of slag system to enhance the lithium recovery from spent lithium-ion batteries	Ludvig Annhagen, SWERIM
17:15	Recycling of waste printed circuit boards	Paulo Sousa, Universidade do Porto
17:45	End of the day	
17:45	General Assembly (restricted)	
19:00	End of the GA	

December, Friday 3

09:00	Invited talk – the limits of recycling	Patrick d’Hugues & Stéphane Bourg, BRGM/CEA
09:30	LCA of a new lead slag recycling technology	Katarzyna Klejnowska, IMN
10:00	A new framework to assess the sustainability of resources recovery from mine tailings	Andrea di Maria, KU LEUVEN
10:30	Coffee Break	
11:15	Circular Economy for Magnesium Life Cycle and its Environmental Sustainability Assessment in the Automotive Industry	Rahimpur Saeed, LUT
11:45	Life Cycle Assessment of the production of self-cleaning AlMg3-TiO2 metal matrix composite component. A manufacturing technologies' comparative.	Mario Santiago Herrera, UBU ICCRAM
12:15	Conclusions	
12:30	End of the seminar	