

Fourth PROMETIA Scientific Seminar, 28-29/11/2017

Hotel Hesperia Del Mar,

Carrer d'Espronceda, 6, 08005 Barcelona, Espagne

Tuesday, November 28th 2017

08:00- 09:00	Registration	
09:00- 09:10	Welcome – introduction –	Christophe POINSSOT, Stéphane BOURG, PROMETIA
09:10- 09:35	The need for process flexibility and adaptability in view of growing technological volatility	Patrice Christmann
09:35- 10:00	“Mining and Recycling, A Paradigm Example of Raw Materials Flexibility in the Lithium ion Battery Supply Chain; An Australian Approach to a Vertically Integrated Total Supply Chain for Lithium ion Battery Cathode Production”	Jack Lifton
10:00- 10:25	the Swirl reactor	Dag Øistein Eriksen
10:25- 11:10	<i>Coffee Break / Networking</i>	
11:10- 11:35	Designing a mobile prototype toward minimizing risks in mining industry	Monique le Guen, ERAMET
11:35- 12:00	Development of flexible processes to promote small scale mining, an update from the H2020 Imp@ct project	Vanessa Amaral, Extractive
12:00- 12:25	ITERAMS: more efficient water recycling at the mining sites and the valorization of the solid waste residues	Kari Heiskanen, OUTOTEC
12:25- 12:50	Metals recovery from zinc streams	Justin Salminen, BOLIDEN
12:50- 13:15	Zinc smelter leach products valorisation	Xavier Constant, NYRSTAR
13:15- 14:15	<i>Lunch</i>	
14:15- 14:40	Flexibility in raw materials processing	Maurits Van Camp, UMICORE
14:40- 15:05	Towards Decoupling Europe from Platinum Group Metals Supply Risk for the Automotive Sector	Iakovos Yakoumis, Monolithos Ltd.
15:05- 15:30	Flexible and efficient Hydrometallurgical recycling of Li-Ion batteries of different chemistry	Gabriele Lombardo, Chalmers
15:30- 15:55	METGROW+ approach to flexible raw material production	Päivi Kinnunen, VTT
15:55- 16:40	<i>Coffee Break</i>	
16:40- 17:05	The HydroWEEE strategy: a case study of efficient flexibility for the recovery of critical metals	Francesca Beolchini, ECORECYCLING
17:05- 17:30	Recycling of REE and strategic metals from WEEE	BRGM
17:30- 17:55	Recovery of rare earths from phosphate ore processing residue	Jason Yang, GTK
17:55- 18:20	Light house programs EIT-RawMaterials including raw material flexibility	Laurence Lamm, EIT-RM

19h30: invited diner

TBD, Barcelona

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Wednesday, November 29th 2017

09:00	Opening	
09:00 - 09:25	Development of nanocomposite materials for the recovery of Cesium and Uranium	Frédéric Clarens, CTM
09:25 - 09:50	Flexible chemical systems	Daniel Meyer, ICSM
09:50 - 10:15	Classification of bauxite residue	Antti Häkkinen, LUT
10:15 - 10:40	What simulation can bring to process monitoring	Amandine Duterme, CEA
10:40 - 11:25	<i>Coffee Break</i>	
11:25 - 11:50	Raw material flexibility in the Elkem production processes	Gro Eide, ELKEM
11:50 - 12:15	Towards a future research activity in Castilla y Leon in raw materials, and advanced technologies for materials science.	Santiago Cuesta, ICAMCyL
12:15 - 12:40	Metal Mining Strategy in Castilla y León	Pedro Acebes, CARTIF
12:40 - 13:00	METNET	Marianne Magnelöv, MEFOS
13:00 - 14:00	<i>Lunch</i>	
14:00 - 15:30	PROMETIA GENERAL ASSEMBLY	Restricted access to PROMETIA Members Only