

Second PROMETIA Scientific Seminar, 17-18/11/2015; Sevilla, Spain

Tuesday, November 17th 2015

8:00 - 8:30	Registration	
8 :30 - 8:40	Welcome – introduction – presentation of PROMETIA	PROMETIA
8 :40 - 9:00	PROMETIA achievement on the first year	
	International	
9:00 - 9:25	The European Context	Milan Grohol, DG GROW, Belgium
09:25 - 9 :50	AMIRA (Australia)	Chris Ward, AMIRA, Australia
9 :50 - 10:15	Critical Materials Institute (CMI-USA)	Bruce Moyer, ORNL, USA
10 :15 - 10 :40	Knowledge Innovation Community EIT RawMaterials	Dario Della Sala, EIT RawMaterials, CLC South, Italy
10 :40 - 11 :00	<i>Coffee Break</i>	
	Mining perspectives and challenges for mineral processing and extractive metallurgy	
11 :00 - 11 :25	VALE vision	Geysa Pereira, VALE, Brazil
11:25 - 11:50	ERAMET vision	Emilie Baillet, ERAMET, France
11:50 - 12:15	The Otero Project (Segovia, Spain). Geology and Metallurgy	Jose Luis Crespo, SIEMCALSA, Spain
12:15 - 12:40	Mining perspectives in France	Michel Bonnemaïson, VARISCAN, France
12:40 - 13:05	OPTIMORE – mineral processing for W and Ta	Josep Oliva Moncunill, UPC, Spain
13:05 - 13:30	FP7 EURARE – valorization of mine tailings for REE recovery	Diogo Rosa, GEUS, Denmark
13:30 - 14:30	Lunch	
	Recycling perspectives and challenges for processing and extractive metallurgy	
14:30 - 14:55	Combining landfill mining with a remediation perspective	Teresa Carvalho, EURELCO, Portugal
14:55 - 15:20	Eyde Cluster – 0-waste, a Norwegian Initiative	Gro Eide, ELKEM, Norway
15:20 - 15:45	The ENVIREE project for REM extraction from secondary sources	Christian Ekberg, CHALMERS, Sweden
15:45 - 16:10	H2020 REE4EU (SPIRE)	Ana M ^a Martinez ,SINTEF, Norway
16:10 - 16:35	UMICORE - Precious metal recycling	Tim Van Rompaey, UMICORE, Belgium
16:35 - 17:00	Coffee -Break	
17:00 - 17:25	Progress in the Application of New and Newly Applied Separation Technologies to the Recovery of Rare Earth from Permanent Magnet Scraps	Jack Lifton, USA
	Towards industrialisation	
17:25 - 17:50	ECORECYCLING – pilots	Francesca Beolchini, UNIVPM, Italy
17:50 - 18:15	CARTIF – W pilot project	ADE-JCyL, CARTIF, Spain
18 :15 - 19 :00	Round Table – Moderator: Jordi Bruno (Amphos 21) Patrice Christmann (BRGM), Dag Øisten Eriksen (PIPAS), Milan Grohol (DG GROW), Jorge Izquierdo (ADE, JCyL), Didier Julienne (NEOMETAL, Le Cercle de Echos)	

Wednesday, November 18th 2015

	Ongoing R&D studies at academia and research centres From Research to Industry	
8:30	Opening of the session	
8:35 – 9:00	Application of extraction chromatography to the separation of REEs for analytical and radiopharmaceutical purpose	Steffen Happel, Triskem, France
9 :00 – 9 :25	Continuous simulated moving bed (SMB) ion exchange for improving separation efficiency in hydrometallurgy	Sami Virolainen, LUT, Finland
9 :25– 9 :50	Introducing an attrition-leaching process for improved metal extraction	Carine Julcour-Lebigue, Laurent Cassayre, Imane Benhamed, Florent Bourgeois, LGC, France
9 :50 – 10 :15	Strategic metals recycling: challenges and opportunities	Yongxiang Yang, Tu-Delft, Netherland
10 :15 – 10 :40	Separative chemistry for the recycling issues and the value chain of the reused metals	Daniel Meyer, ICSM, France
10:40 – 11:05	<i>Coffee Break</i>	
11:05 – 11:30	Valorization of extractive industry wastes	Maria Taxiarchou, NTUA, Greece
11 :30 – 11 :55	Can MSWI ash become a future metal resource?	Britt-Marie Steenari, Chalmers, Sweden
11 :55 – 12 :20	Development of a REE recycling process from used permanent magnets based on solvent extraction	Manuel Miguiditchian, CEA, France
12 :20 – 12 :45	Extraction of Critical Metals – From Microchannel Investigations to Computer Aided Column Design	Hans-Jörg Bart, UNI KL, Germany
12 :45 – 13 :10	New insights in biohydrometallurgy: any future beside heap leaching for copper or gold recovery using CSTR	Patrick d’Hugues, BRGM, France
13 :10 – 13 :30	Conclusion	