

Thursday 4 May 2023

Uranium-Rare Earths Conference

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Organised in co-operation with International Atomic Energy Agency (IAEA)

7.30am	Presenter Briefing	Goldsworthy
8.00am – 5.30pm	Registration Desk Open	Foyer 1
8.00am	Arrival Tea and Coffee	Grand River Foyer
8.30am – 10.40am	OPENING SESSION	Grand River Ballroom East
8.30am	Welcome by the Conference Chair Alan Taylor, ALTA Metallurgical Services UREE Conference Sponsor Welcome Johanna Van Deventer: Puralite, South Africa	
	Chair: Johanna Van Deventer, Puralite, South Africa	
8.40am	Opening Address: IAEA Support to Member States for Sustainability of Nuclear Fuel for Nuclear Power Plants Dr Mark Mark Mihalasky: Uranium Resources Specialist at the International Atomic Energy Agency	
9.10am	Keynote Address: The What's and Whys of Uranium Ore Processing Innovations Past, Present and Future Alan Taylor, Managing Director, ALTA Metallurgical Services, Australia	
9.40am	High Pressure Slurry Ablation (HPSA) – A New Liberation Technology John Lee, Disa Technologies, Canada	
10.10am	IAEA Support to Member States for Exploration and Discovery of Undiscovered Uranium Resources Dr Mark Mark Mihalasky: Uranium Resources Specialist at the International Atomic Energy Agency	
10.40am – 11.05am	MORNING TEA	Golden Ballroom
	Chair: Alan Taylor, ALTA Metallurgical Services, Australia	
11.05am	Santa Quitéria Project, Ceará, Brazil: Building the Future Alessandra Costa Barreto Indústrias Nucleares do Brasil, Brazil (IAEA Sponsored Presenter)	
11.35am	Sustainable Production of Scandium Products in Europe Edward Peters, MEAB Chemie Technik GmbH, Germany	
12.10pm	HEHEHP and D2EHP Database to Predict Rare Earth Solvent Extraction Leslie Miller, OLI Systems, USA	
12.45pm – 1.45pm	LUNCH	Golden Ballroom
	Chair: Gavin Beer, Met-Chem Consulting, Australia	

1.45pm	Chromatographic Separation of Rare Earth Elements as Anionic Complexes by Ion Exchange Santeri Kurkinen, <i>LUT University, Finland</i>
	<i>Forum: Developments and Challenges in Rare Earth Processing</i>
2.10pm	Nolan's Rare Earths Project: Innovative Recovery and Purification of Phosphoric Acid by VSEP Nanofiltration Lourdes Vale & Landon Graham, <i>Arafura Resources, Australia & New Logic Research, USA</i>
2.35pm	The Development of Search Minerals' Direct Extraction Technology for The Recovery of REE From Its Critical REE District in SE Labrador Niels Verbaan & David Dreisinger, <i>SGS Mineral Services, Search Minerals, Canada</i>
3.00pm	Rare Earth Production from An Australian Clay Hosted Deposit Chantelle Bardadyn, <i>Wallbridge Gilbert Aztec, Australia</i>
3.25pm – 3.50pm	AFTERNOON TEA <i>Golden Ballroom</i>
	Chair: Lourdes Vale, Arafura Resources, Australia
3.50pm	Economic and Technical Challenges of Non-Chinese Clay Hosted Rare Earth Deposits Gavin Beer, <i>Met-Chem Consulting, Australia</i>
4.20pm	Dry, Effluent-free, Fluorination of Rare Earth Carbonates and Oxalates Inbanathan Govender, <i>Metal Refining Engineers, South Africa</i>
4.50pm	Panel: Developments and Challenges in Rare Earths Processing Chair: Gavin Beer, Met-Chem Consulting, Australia
	Student Volunteer: Quang Thinh Tran, <i>Curtin University, Australia</i>
5.35 pm	Uranium-Rare Earths Conference Concludes
5.35pm – 6.35pm	HAPPY HOUR <i>Golden Ballroom</i>