



## Agenda of the International MineXchange Conference, Lampeter, UK, 5-6 September 2018

### International MineXchange Conference to develop Wales based Centre of Excellence for Metal Mine Recovery

The objective is to continue facilitating development of project relationships between academia & industry, sharing knowledge & experience to innovate & commercialise opportunities recovering damaged metal mine environments.

Cliff Tucker Lecture Theatre, University of Wales, Trinity Saint David, Lampeter

Date: 5<sup>th</sup> – 6<sup>th</sup> September 2018

Registration Essential & Cost: Free

Accommodation available directly from the University

# AGENDA

Day 1: 5 <sup>th</sup> September 2018	
9.00-9.30	Reception & coffee
9.30-9.40	Opening from Chair (Bob Vaughan, NRW)
09.40-10.00	Keynote speaker: innovations in remediation strategies and technologies – Examples from Coal and Metal Mines in New Zealand (James Egan, CEI Energy, New Zealand)
10.00-10.40	Metal Mine Programme in Wales (Pete Stanley, NRW)
10.40-11.00	Some New Thoughts on Old Mines (David Jakes, UWIST)
11.00-11.20	Abey Condos Metal Mine Remediation Project (Richard Spangenberg, WSP)
11.20- 11.40	Optimising and Scaling-up the Passive Alloy Assessment Technology for Improved In-Removal and Field-scale Trials (Negan Alan, Durham University)
11.40-11.50	Questions
	<b>College Break:</b>
12.05- 12.25	Water from Abandoned Metal Mines (WAMM) Abandon Programme (Nick Cox, Coal Authority)
12.25-12.45	Mine Site Rehabilitation (Steven Pearce, MEA-Consultants)
12.45-13.05	Gwynn Reservoir – Rehabilitation of Former Mining Dams (Damen Shaw, Atup)
13.05-13.15	Questions
13.15-14.15	Lunch (provided)
14.15-14.35	Biogeochemistry in Metal Mine Water Treatment (Daren Morgan, Power & Water)
14.35-14.55	Acid-Neutralisation – A Review of Performance in Metal Mine Remediation (Quinn Ho, BHP)
14.55-15.15	Natural Attenuation – Maximising Resource Recovery to Offset Costs of Mine Water Remediation (Prof Gorm Johnson, Bangor University)
15.15-15.35	Application of Hydrologic Tracers and Numerical Modelling for Source Apportionment and Remediation of Mine Pollution (Patricia Byrne, Liverpool John Moores University)
15.35- 15.45	Questions
	<b>College Break:</b>
16.00-16.20	UFE DEMINE – Decreasing the Environmental and Ecological Impact of Abandoned Mines (Joan Colón Jorda, BPA Technology Centre)
16.20-16.40	Metal Mine Water Treatment via UFE DEMINE (Dr Tom Atkinson, College of Engineering, Swansea University)
16.40-17.00	Micronutrient & Seed Canopy Grass Root Uptake on Metal Mine Tailings (Dr Sioned Jenkins, BBSA Aberystwyth University)
17.00- 17.20	Nature based remediation for spoil heaps: Reducing the impact of diffuse pollution (John Brockhurst, Commons Vision & Heather Redcliffe, Swansea University)
17.20- 17.30	Roundup
<b>Day 2: 6<sup>th</sup> September 2018</b>	
09.00 -13.30	Coastal visit to Pwllgoon (Jurnal not provided).