The International Flow Battery Forum 2015

Tuesday 16 June 2015: 09:00 to 17:30

Speaker	***Affiliation***	***Title***
Anthony Price	IFBF Secretary	Introduction
Session 1		
James Cross	EA Technology and REDT	A Vanadium-Redox Flow Battery for Gigha Island: Learning to Date
Leonard Berlouis	University of Strathclyde	Performance Characteristics of the Zn-Ce hybrid redox flow battery
TBA	Scottish Department	Welcome address (TBC)
Ronald Mosso	EnerVault Corporation	Demonstration Results from a Megawatt-hour, Iron-Chromium Redox Flow Battery System
REFRESHMENTS		
Session 2		
Arnon Blum	Enstorage	HBr Flow Batteries as a source for bulk energy storage
Toshikazu Shibata	Sumitomo Electric Industries	Recent test results of the 5MWh flow battery systems
Rick Winter	UET	Go with the flow: reports on field deployed systems in Germany and the US
Bruce Eberzy	Redflow	Benefits of Strategic Partnerships: A practical example
Panel Session		
Bjorn Jonshagen, Sebastian Koenig, Craig Wilkins, Baoguo Wang	 Karlsruhe Institute of Technology Vizn Energy Tsinghua Universtiy	*Manufacturing and Commercialisation*
LUNCH		
Session 3		
Angel Luis	EDP Spain	Design, Manufacture and Deployment of a VRFB
Adam Whitehead	Cellstrom GmbH	Critical safety features of the vanadium redox flow battery
Christina Roth	FU Berlin	Robust 3D structured carbon based electrodes for all Vanadium redox flow batteries
Christian Gutsche	University of Oldenburg	Influence of vanadium ions on degradation of platinum catalysts for vanadium air redox flow
William Braff	MIT	Membraneless Hydrogen Bromine Flow Battery for Large-Scale Energy Storage
Session 4: **Poster Papers**		
Poster commercials - Selected poster authors present their work		
REFRESHMENTS & Poster Session		
End of Day 1		
Reception & Dinner (19:00)		

Wednesday 17 June 2015: 08:50 to 17:30

Session 5		
Harini Hewa Dewage	Imperial College, London	Study of loss mechanisms in a Regenerative Hydrogen Cerium Fuel Cell
Kyle Smith	University of Illinois at Urbana-Champaign	Materials selection criteria for next-generation flow batteries
Belen Amunategui	Tecnicas Reunidas, Spain	New development on zinc/air flow batteries
David Lloyd	Aalto University, Finland	Separator performance and scale up of the all copper Redox Flow Battery
Puiki Leung	Imdea Energia	Evaluation of electrode materials towards extended cycle-life of the all-copper redox flow battery
Wei Wang	PNNL	Ambipolar zinc polyiodide electrolyte for high energy density RFB
REFRESHMENTS ***Session 6***		
Michael Tucker	Lawrence Berkeley National Laboratory	Improving the durability, performance and cost of the Br2 - H2 Redox Flow Cell
Christine Minke		Cost potentials for VRFB core components
Sanjay Kumar	IIT Madras	Experimental studies of size effect on pressure drop in serpentine flow fields for all VRFB
Panel Session ***LUNCH***		
Matteo Zago Kyeongmin Oh Maik Becker	Politecnico di Milano Inha University Clausthal University of Technology	*Modelling and Numerical Analysis*
Session 7		
Patrick Ruch	IBM Research Zurich	Power delivery and thermal management of electronic packages using redox flow systems
Jonathan Sassen	Epsilor-Electric Fuel Ltd	A novel iron/iron flow battery for grid storage
Kensuke Takechi	Toyota Research Institute of North America	Supercooled Catholyte based on Solvate Ionic Liquid
Chun Yu Ling	National University of Singapore	Impact of Pulsating electrolyte flow on full vanadium flow battery
Luis Arenas	University of Southampton	Recent Developments on the Zinc-Cerium Flow Battery: Effect of Electrolyte Properties on Performance
Richard Wills	University of Southampton, UK.	Developing a commercially viable soluble lead flow battery
David Finkelstein	Cornell University	Boosting Vanadium flow battery operating voltage at high load by 0.5V using Au vs carbon cathodes, and exploring non-vanadium oxidants with 15 to 30 fold greater current density.
Anthony Price	Closing comments and Networking refreshments	
Close of IFBF 2015		