

Title	Presenter	Affiliation	Country
A Hydroxylated Tetracationic Viologen based on Dimethylaminoethanol as a Negolyte for Aqueous Flow Batteries	Carlo Caianiello	IOC	Germany
Low-cost, high-performing ion exchange membranes for aqueous organic/inorganic redox flow batteries	Xian Yang	Suqian Time Energy Storage Technology Co. Ltd.	China
Redox flow battery multiscale modelling approach using mass transfer coefficient	Amadeus Wolf	Karlsruhe Institute of Technology	Germany
A promising imidazolium-based bromine-complexing agent for enhancing the overall performance of zinc-bromine flow batteries	Deokhee Yun	Division of Electronics & Electrical Engineering, Dongguk University	Republic of Korea
Development of porous membranes for pH-neutral aqueous organic redox flow batteries	Jannes Deprez	KU Leuven	Belgium
Performance Characterization and Modelling of a Commercial Scale Vanadium Redox Flow Battery for integration into Energy Management Systems	Lakshmi Narayanan Palaniswamy	Karlsruhe Institute of Technology	Germany
An High Performance Carbon-Nano Onion Electrode for Vanadium Redox Flow Battery.	Simone Fiorini Granieri	X-nano	Italy
High-Performance Bipolar Redox Active Molecules for Nonaqueous Redox Flow Batteries	Nicolas Daub	Eindhoven University of Technology	Netherlands
Anion exchange membrane for vanadium flow batteries	Chiari Van Cauter	KU Leuven	Belgium
A new generation of poly-benzimidazole (or PBI) membranes with improved performance in vanadium redox flow batteries	Evgeny Larionov	BASF	Germany
Characterization of an organic aqueous alkaline all-iron flow battery at various operating parameters under a scalable test bench system	Lars Henry Fischer	Institute of Chemical and Electrochemical Process Engineering, Clausthal University of Technology	Germany
Cost and performance targets for competitive aqueous organic redox flow battery systems	Diana Cremoncini	University of Pisa	Italy
Scale-up of organic redox flow battery	Jiří Charvát	University of West Bohemia	Czech Republic
Comparison of different energy storage systems for stationary applications based on real cases	Nicola Poli	University of Padua	Italy
A kW-Vanadium Flow Battery System Integrated with Solar Power	Chih-Hsing Leu	Industrial Technology Research Institute	Taiwan
Facile preparation of mesoporous graphite felt electrode via oxidative etching for high performance vanadium redox flow battery	Youngkwon Kim	Korea Electronics Technology Institute	Republic of Korea
Framework for Evaluating Electrochemical Characteristics of Vanadium Redox Flow Batteries	Jinho Ha	Yonsei University	Republic of Korea
Non-aqueous redox flow batteries based on polyoxometalates clusters	ZhengfanZhengfan Chen	Mainz University	Germany
A Transient Non-isothermal Cell Performance Model for Organic Redox Flow Batteries	Roman Schärer	ZHAW	Switzerland
A Fast-Rechargeable Zinc-Air Flow Battery System with High Power Density and High Energy Efficiency for Long-Duration Energy Storage	Siyuan ZHAO	The Hong Kong Polytechnic University	China
Optimizing polybenzimidazolium membranes for use in vanadium redox flow batteries	Jacobus Cornelis Duburg	Paul Scherrer Institute	Switzerland
Effect of Resistance on Overall Efficiency and Heat Production at the Current Collector of Vanadium RFB	Michael Radspieler	ZAE Bayern	Germany
Efficient and stable oxygen reduction and oxygen evolution electrodes for alkaline zinc-air flow battery	Přemysl Richtr	University of Chemistry and Technology Prague, Dept. of Chemical Engineering, Technicka 5, 166 28	Czech Republic
Cloud-based Predictive Maintenance of a Copper-Based Redox Flow Battery	Mirko D'Adamo	Nvision	Spain
Parametrization and validation of a tool for the electrical design of tubular redox flow stacks	Fabian Brandes	University of Applied Sciences Hamburg	Germany
Correlating State of Charge/State of Health related observables of vanadium redox flow batteries for crossover identification and stability analysis	Niklas Janshen	Instituto de Tecnología Química (Universitat de València-Consejo Superior de Inestigaciones Científicas)	Spain
Study of the Properties of Iron/Iron Redox Flow Batteries	Sai Venkata Akhil Kumar Challuri	Fraunhofer Institute for Chemical Technology	Germany
New Methods for State-of-Charge Monitoring in VFB: Chronoamperometric Measurements	Meiser Valencia	DECHEMA-Forschungsinstitut	Germany
Redox flow battery using the iron-organic complex as a redox active material	Mingyu Shin	Seoul National University of Science and Technology	Republic of Korea

Aqueous redox flow batteries using new organic active materials	Yongchai Kwon	Seoul National University of Science and Technology	Republic of Korea
An innovative membrane reducing vanadium species crossover: scaleup and preliminary data characterization	Joseph Epoupa Mengou	ENI spa	Italy
Progress in Soluble Lead Redox Flow Battery Technology; From Fundamental to Stack Development and Life Cycle Assessment Studies.	Rathod Suman	Department of Chemistry, Bar-Ilan University	Israel
A Three-dimensional Hydraulic Model for Flow Battery Stack Design Optimisation	Jens Noack	Fraunhofer ICT	Germany
Comparative Study of Redox Flow Battery Cell Design with Thick and Thin Graphite Plates	Maruthi Prasanna M	Indian Institute of Technology, Madras	India
High-energy density environmentally friendly aqueous zinc-iodine batteries for long term energy storage	Milan Selle	Fraunhofer Institute for Environmental, Safety and Energy Technology UMSICHT	Germany
Modular perforation test device for the mechanical characterisation of flow battery membranes	Jens Burfeind	Fraunhofer Institute for Environmental, Safety and Energy Technology UMSICHT	Germany
Next-Generation Membranes Based on Poly(p-terphenyl) Backbone for Vanadium Redox Flow Batteries	Amirreza Khataee	KTH Royal Institute of Technology	Sweden
Development of a hybrid rebalancing system for the ICRFB	Thian Herbert	North-West University	South Africa
Generative and predictive models for new materials	Astrid Maaß	Fraunhofer SCAI	Germany
Design, manufacture and testing of alternative flow-through redox flow battery cell topologies	Hugh O'Connor	Queen's University Belfast	United Kingdom
The development of an all-soluble, all-iron aqueous system	Josh Bailey	Queen's University Belfast	United Kingdom
Comparison of flow fields with CFD simulations and electrochemical experiments within a 250 cm ² zinc/polyiodide RFB	Lukas Siefert	University Duisburg-Essen	Germany
Organic-zinc redox flow battery with wide operating temperature range.	Atsushi Kaiho	Nippon Kayaku Co., Ltd.	Japan
Sustainable Electrode Materials with Tailored Porous Structure for the Next Generation of Redox Flow Batteries	Ana Jorge Sobrido	Queen Mary University of London	United Kingdom
Flow-Through Zero Gap Cell	María José Torres Fernández	Micro Electrochemical Technologies S.L.	Spain
Titanium catechol complexes as anode material for redox flow batteries	Albert Hohn	Aarhus University	Denmark
New organometallic complex as a promising redox mediator to produce hydrogen using a dual redox flow batteries	Mikhail Petrov	Aarhus University	Denmark
A Comprehensive Investigation on Reducing the Area Specific Resistance of Vanadium Redox Flow Batteries	Mohammad Rahimi	Aarhus University	Denmark
Anionic Gamma-Aminobutyric Acid-functionalized Naphthalene Diimide for Aqueous Organic Flow Batteries	Mahsa Shahsavan	University of Turku	Finland