PUBLICATIONS

HIGH TEMPERATURE PEM FUEL CELLS


BATTERIES


ELECTROCHEMICAL ENGINEERING


Solutions To Your Electrochemical Energy Needs

Consulting
Experts in the field of electrochemistry and electrochemical energy storage and conversion

Testing
Multiple fuel cell test stations
Facility specifically built for flow battery testing
Facility to fabricate 100F supercapacitors
Testing equipment and services available to industry

Coordination
University wide resources
Great Lakes Energy Institute
Energy Solutions
Yeager Center for Electrochemical
Electrochemical Research
Swagelok Center
Material Surface Analysis

Education
Degreed Programs and Research for Bachelor, Master and Doctorate
Workshop on Electrochemical Engineering
Prof. Uziel Landau (uziel.landau@case.edu)
Electrochemical Measurement Workshop
Prof. Daniel A. Scherson (dks16@case.edu)

Fundamental Electrochemistry
Potentiostats/Galvanostats
Impedance Analysis
Rotating Disk Electrodes
Differential Electrochemical Mass Spectroscopy (DEMS)

Fuel Cell Testing
Single Cell or Small Stacks
5 to 100cm² Active Areas
Up to 600 Watts
Custom Multicell Test Station

Flow Battery Testing
Single Cell and Small Stack

System Level Development

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