

ESDL Design Meeting Presentation Schedule

Date	Presenter	Subject
January 13, 2017	Marc Secanell	Annual State of the Lab Address
January 27, 2017	Mayank Sabharwal	Part I - Improving FIBSEM using epoxy embedding resin Part II - Application of OpenFCST to Carbon Plate analysis
February 3, 2017	Lisa Clare	Cooling Towers: Recap and Analysis
February 10, 2017	Manas Mandal	Analysis of inkjet printed polymer electrolyte electrolyzer
February 24, 2017	Vaishnavi Kale	Flywheel Optimization
March 3, 2017	Alex Jarauta	Incompressible Fluid Flow and Water Transport in PEMFCs
March 10, 2017	Jie Zhou	Numerical Analysis in Understanding the Role of MPL on Fuel Cell Performance
March 17, 2017	James Kracher	Water Management of Ultra-Thin Inkjet Printed Proton Conducting Membranes for PEMFCs
March 24, 2017	Miles Skinner	Flywheel Energy Storage System Passive Energy Discharge Characterization
	Jacob Follett	3D-Printing of Hydrogen Fuel Cell Microstructures
March 31, 2017	Findlay McCormick	Bipolar Plate Design and Material Research
	Kai Wang	Fabrication of Catalyst Coated Membrane for PEMFCs
	Jie Zhou	Analysis of Multiphase Flow in PEFC Using a Mixed Wettability Pore-size Distribution Model
April 7, 2017	James Cook	Coolit: Open Source Cooling Tower Simulations
	Jie Zhou	Analysis of Multiphase Flow in PEFC Using a Mixed Wettability Pore-size Distribution Model
April 21, 2017	Hao Xu	Setup for Permeability and Diffusivity of PEM Fuel Cell Porous Media
May 5, 2017	Lisa Clare	Cooling Towers: Experimental facilities update
	James Cook	Open-source counter-flow simulation package
	Alex Jarauta	Computational fluid dynamics software for cooling tower and droplet analysis

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May 12, 2017 Setute Hotor Cell Segmentation and Current density distribution

May 19, 2017 David Lauxmann

May 26, 2017 Mayank Sabharwal
Jie Zhou

June 2, 2017 Aslan Kosakian

June 9, 2017 Lisa Clare

June 16, 2017 Manas Mandal

June 23, 2017 Vaishnavi Kale

June 30, 2017 Alex Jarauta

July 7, 2017 Jie Zhou

July 14, 2017 James Kracher

July 21, 2017 Miles Skinner

July 28, 2017 James Cook

August 4, 2017 Hao Xu

August 11, 2017 Setute Hotor

August 18, 2017 David Lauxmann