

## DOE CATALYSIS WORKING GROUP MEETING

Monday, June 8, 2015

Crystal Gateway Marriott Hotel, 1700 Jefferson Davis Highway, Arlington, Virginia

Grand Ballroom Salon A

8:30 - 9:00 *Continental breakfast*

---

9:00 - 9:05 Welcome - Nancy Garland (DOE) and Piotr Zelenay,

9:05 - 9:20 *Non-PGM Catalyst Targets: Summary* – Piotr Zelenay

9:20 - 9:45 *Designing for High Current Density for Low-PGM Electrode* – Anu Kongkanand (General Motors)

9:45 - 10:10 *Alternative Metal Oxide Supports for Cathode Catalyst Powders in Automotive PEM Fuel Cells* – Jim Waldecker (Ford)

### **Introduction of FCTO-funded Fuel Cell Technologies Incubator and SBIR-STTR Projects**

10:35 - 10:50 *Advanced Catalysts and MEAs for Reversible Alkaline Membrane Fuel Cells* – Hui Xu (Giner)

10:50 - 11:05 *Development of Non-PGM Catalysts for Hydrogen Oxidation Reaction in Alkaline Media* – Alexey Serov (University of New Mexico)

11:05 - 11:20 *Innovative Non-PGM Catalysts for CHP Relevant Proton Exchange Membrane Fuel Cells* – Sanjeev Mukerjee (Northeastern University)

11:20 - 11:35 *Proton Energy Systems: Non-Platinum Group Metal OER/ORR Catalysts for Alkaline Membrane Fuel Cells and Electrolyzers* – Nemanja Danilovic (Proton OnSite)

11:35 - 11:50 *Non-Precious Metal Bi-Functional Catalysts* – Paul Matter (PH Matter)

11:50 - 12:00 Wrap-up, action items, discussion of the date, location and topic of the next CWG meeting - Piotr Zelenay and Nancy Garland (DOE)

12:00 Adjourn