

## Agenda for Bipolar Plates Workshop

USCAR – 1000 Town Center Drive, Suite 300 - Southfield, Michigan 48075

Feb. 14<sup>th</sup> 2017

- |               |   |                          |
|---------------|---|--------------------------|
| 8:00 – 8:30   | Registration  |                          |
| 8:30 – 8:45   | Opening Remarks and Workshop Overview                                   | Bahman Habibzadeh - DOE  |
| 8:45 – 9:00   | Bipolar Plate Cost and Issues at High Production Rate                   | Brian James - SA         |
| 9:00 – 9:15   | GM Perspective on Bipolar Plate Status and Needs                        | Balsu Lakshmanan - GM    |
| 9:15 – 9:30   | R&D for Automotive PEM Fuel Cell System – Bipolar Plates                |                          |
|               |   | Shinichi Hirano - Ford   |
| 9:30 – 9:45   | BREAK   |                          |
| 9:45 – 10:00  | Graphite-Based Bipolar Plates for PEM Motive Fuel Cell Applications     |                          |
|               |   | Julian Norley - GrafTech |
| 10:00 – 10:15 | Corrosion Resistant Coating of Metal Bipolar Plates for PEM Fuel Cells  |                          |
|               |   | CH Wang – TreadStone     |
| 10:15 – 11:45 | BREAKOUT SESSION (Materials and Coatings)                               |                          |
| 11:45 – 12:15 | Recap   |                          |
| 12:15 – 1:15  | LUNCH BREAK   |                          |
| 1:15 – 1:30   | Modeling Performance and Stability of Bipolar Plates                    | Rajesh Ahluwalia - ANL   |
| 1:30 – 1:45   | Bipolar Plate Durability Testing  | Rod Borup - LANL         |
| 1:45 – 2:00   | Forming and Manufacturing Issues in Automotive Bipolar Plate Production |                          |
|               |   | Simon Farrington - AFCC  |
| 2:00 – 2:15   | Approaches to Provide a Metallic Bipolar Plate Module to the Industry   |                          |
|               |   | Raimund Stroebel - Dana  |
| 2:15 – 2:30   | BREAK   |                          |
| 2:30 – 4:00   | BREAKOUT SESSIONS (Manufacturing and Modeling/Testing)                  |                          |
| 4:00 – 4:30   | Recap and Concluding Remarks  |                          |