

2019 Anion Exchange Membrane Workshop

Sheraton Dallas Hotel
400 N. Olive St. Dallas, TX
Room: Majestic 6
Thursday, May 30, 2019

Agenda

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|-------|---|-------|--|
| 8:00 | - | 8:20 | Opening Remarks, Donna Ho (FCTO)/Grigorii Soloveichik (ARPA-E) |
| 8:20 | - | 8:40 | Workshop Overview/AEM Status (Bryan Pivovar) |
| 8:40 | - | 9:05 | Membrane Targets/Metrics
Mark Pouy (ARPA-E) |
| 9:05 | - | 9:30 | Membrane Testing Challenges, Standardization
Mike Yandrasits (3M) |
| 9:30 | - | 9:45 | Break |
| 9:45 | - | 11:45 | Breakout Session 1 (AEM Focus) |
| 11:45 | - | 12:45 | Working Lunch – Outbriefs from Breakout Session 1/ Group Discussion |
| 12:45 | - | 1:15 | AMFC Milestones/Performance/Durability Status
Bill Mustain (USC) |
| 1:15 | - | 1:45 | Catalyst-Ionomer Interactions/AMFC Durability
Yu Seung Kim |
| 2:00 | - | 3:45 | Breakout Session 2 (AEM Device/Fuel Cell Focus) |
| 3:45 | - | 4:00 | Break |
| 4:00 | - | 5:00 | Joint Session Out Brief from Breakout Group 2/Group Discussion |
| 5:00 | | | Concluding Remarks |

Breakout Session Rooms: Majestic 6, 7, and 8

Breakout Sessions (AM) – Membrane Focus (Facilitator)
Standardized Protocols – conductivity, CO₂ (Mike Hickner)
Standardized Protocols – degradation, IEC, mechanical (Chulsung Bae)
Membrane Metrics/Targets (John Kopasz, Mike Yandrasits)

Breakout Sessions (PM) – Device Focus (Facilitator)
Electrode Performance (Yu Seung Kim)
Water/CO₂ Management (Adam Weber)
Device Performance and Durability Milestones/Metrics/Targets (John Kopasz, Bill Mustain)