

BREAKOUT ADVANCED PATHWAYS PANEL SESSION: TUESDAY, AUGUST 31

Time (EDT)	Presentation	Speakers
PANEL SESSION 3: ADVANCED PATHWAYS		
1:30 PM	Opening Remarks	The Honorable Paul Tonko , U.S. Representative (D-NY)
1:35 PM	Introduction Session overview and objectives	Eric Miller , Hydrogen and Fuel Cell Technologies Office, DOE-EERE
1:45 PM	Advanced Water Electrolysis <i>Moderator: James Vickers</i>	Sanjeev Mukerjee , Northeastern University Sossina Haile , Northwestern University Shannon Boettcher , University of Oregon
2:30 PM	Advanced Conversion of Fossil/Waste-Streams <i>Moderator: Grigorii Soloveichik</i>	Al Weimer , University of Colorado-Boulder Eric McFarland , C-Zero
3:00 PM	Advanced Conversion of Biomass/Waste-Streams <i>Moderator: Beau Hoffman</i>	Pin-Ching Maness , National Renewable Energy Laboratory (emeritus) Bruce Logan , Pennsylvania State University
3:30 PM	Analytical Framework <i>Moderator: Katie Randolph</i>	Jennie Huya-Kouadio , Strategic Analysis Inc. Elizabeth Connelly , International Energy Agency
4:00 PM	Moderated Panel Q&A and Discussion <i>Moderator: Eric Miller</i>	All
4:30 PM	ADJOURN (session continued Day 2)	

**BREAKOUT ADVANCED PATHWAYS PANEL SESSION:
WEDNESDAY, SEPTEMBER 1**

Time (EDT)	Presentation	Speakers
PANEL SESSION 3: ADVANCED PATHWAYS		
11:00 AM	Introduction Session overview and objectives	Eric Miller , Hydrogen and Fuel Cell Technologies Office, DOE-EERE
11:05 AM	Photoelectrochemical Processes <i>Moderator: Chris Fecko</i>	Frances Houle , Lawrence Berkeley National Laboratory Tom Jaramillo , Stanford University
11:35 AM	Solar/Thermochemical Processes <i>Moderator: Avi Shultz</i>	Ellen Stechel , Arizona State University Tony McDaniel , Sandia National Laboratory
12:05 PM	A New Generation of Innovation <i>Moderator: Asha-Dee Celestine</i>	Huyen Dinh , National Renewable Energy Laboratory Kristin Persson , Lawrence Berkeley National Laboratory
12:35 PM	Moderated Panel Q&A and Discussion <i>Moderator: Eric Miller</i>	All
1:00 PM	ADJOURN (<i>move to Plenary Conclusion session, begins 1:30 pm</i>)	