



2019 Southeast Hydrogen & Fuel Cell Symposium

October 10, 2019

BMW Zentrum

Greer, SC

9:00 AM – 5:00 PM

8:30 – 9:00 am: Registration

9:00 am: Welcome & Current State of Hydrogen & Fuel Cells in the Southeast

9:00 – 9:10: Welcome to BMW Plant Spartanburg

- Manfred Pernitsch – BMW Manufacturing LLC., Vice President Operations Americas
- Mark Staiger, BMW Manufacturing LLC., Section Manager Energy Management USA and Canada

9:10 – 9:20: Palmetto Clean Fuels Coalition

- Landon Masters – Palmetto Clean Fuels – Co-Coordinator
- Ben Kessler – Palmetto Clean Fuels – Co-Coordinator

9:20 – 10:00: Reinvigorating Hydrogen in the Southeast

- Ted Motyka – South Carolina Hydrogen and Fuel Cell Alliance
- Scott McWhorter – Savannah River National Laboratory
- Ned Stetson – U.S. Department of Energy Fuel Cell Technologies Office

10:00 – 10:10 am: Break

SPONSORED BY: BMW Manufacturing

Panels

10:10 – 11:10 am: Future of Hydrogen Production, Delivery and the Grid

Moderator: Scott McWhorter, Savannah River National Laboratory

- **Renewable Hydrogen Production** – Nel Hydrogen – David Wolff, Region Manager – Eastern US and Canada
- **Load Balancing & Energy Storage** – Duke Energy – Laurel Meeks, Associate Business Development Manager
- **Thermal Energy Storage** – Savannah River National Laboratory – Patrick Ward, Senior Scientist



11:10 – 12:15 pm: Hydrogen to Support Digital Infrastructure and Manufacturing

Moderator: Will James, Savannah River National Laboratory

- **Digital Infrastructure for South Carolina** – Independent Consultant/Trulite Inc. – Ron Seftick, Chief Executive Officer
South Carolina Research Authority – Catherine Hayes, Manufacturing Industry Manager
- **Smart Manufacturing** – Clemson University – Mark Johnson, Thomas F. Hash Endowed Chair in Sustainable Development and Director of the Center for Advanced Manufacturing
- **Infrastructure** – OneH2 Southeast – J.R. Jenkins, Director of Marketing and Sales

12:15 – 1:00 pm: Lunch

SPONSORED BY: South Carolina Hydrogen and Fuel Cell Alliance

1:00 – 2:15 pm: Growing and Emerging Hydrogen & Fuel Cell Markets in the Southeast

Moderator: Ted Motyka, South Carolina Hydrogen & Fuel Cell Alliance

- **Ground Support and Material Handling** – Plug Power – John Brazer, Director of Sales
- **Hydrogen for Transportation** – Air Products and Chemicals – Nick Mittica, Commercial Manager of Hydrogen Energy Systems
- **Rail** – Chart Industries Inc. – Scott Nason, Product Manager of Rail Products
Chart Industries Inc. – Reid Larson, Application Development Manager

2:15 – 2:45 pm: Regional Consortia and Hydrogen Demand Assessment

- **Transitioning to a Regional Coalition** – South Carolina Hydrogen and Fuel Cell Alliance – Ted Motyka
- **Discussing the Need for a Supply and Demand Assessment** – U.S. Department of Energy Fuel Cell Technologies Office – Ned Stetson, Program Manager

2:45 – 3:00 pm: Break

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3:00 – 5:00 pm: BMW’s “Addiction to Hydrogen”

- **How We Have Gotten Here**
 - BMW Manufacturing LLC. – Mark Staiger, Section Manager, Energy Management USA and Canada
 - BMW Manufacturing LLC. – Martina Geroldinger, Logistics Planning Specialist
 - Messer – Michael Ciotti, H2 Fueling Engineering Manager & CIP
- Tour of Hydrogen Infrastructure and Material Handlers in Action