



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 North America, Vice President Operations Americas
- Mark Staiger, BMW North America, 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 – 10:20: Reinvigorating Hydrogen in the Southeast

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

10:20 – 10:30 am: Break

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Panels

10:30 – 11:30 am: Future of Hydrogen Production, Delivery and the Grid

- **Renewable Hydrogen Production** – Hydrogenics – Ryan Sookhoo, Director of New Initiatives
- **Nuclear Energy for Hydrogen Production** – Southern Company – Noah Meeks, Sr. Research Engineer
- **Load Balancing & Energy Storage Needs** – Duke Energy – Stuart Laval, Director of Technology Development, Emerging Technology Office
- **Thermal Energy Storage** – Savannah River National Laboratory – Scott McWhorter, Director of Integrated Energy Systems



11:30 – 12:30 pm: Hydrogen to Support Digital Infrastructure and Manufacturing

- **Digital Infrastructure for South Carolina** – South Carolina Research Authority – Jill Sorensen, Director of Entrepreneurial Programs and Executive Director of SC Launch
- **Chemical manufacturing** – ChemDesign– Bryon Leggett, Vice President Business Development
- **Aerospace** –
- **Smart Manufacturing** – Clemson University – Mark Johnson, Thomas F. Hash Endowed Chair in Sustainable Development and Director of the Center for Advanced Manufacturing

12:30 – 1:15 pm: Lunch

SPONSORED BY: South Carolina Hydrogen and Fuel Cell Alliance

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

- **Aviation and Material Handling** – Plug Power – John Brazer, Director of Sales
- **Heavy Duty Transportation** – Kenworth Truck Co. – Brian Lindgren, Director of Research Development
- **Stationary Applications and Backup Power** – SouthernLinc Wireless – David Woodham, Engineering Manager
- **Rail** – CHART Industries – Scott Nason, Product Manager of Rail Products

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 – Pete Devlin, Technology Validation Project 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 Co. – Mark Staiger, Section Manager, Energy Management USA and Canada
- Tour of Hydrogen Infrastructure and Material Handlers in Action

PALMETTO CLEAN FUELS – an initiative of the Office of Regulatory Staff – Energy Office

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www.PalmettoCleanFuels.org