



May 11–12, 2021

Virtual

Agenda

Tuesday, May 11, 2021

| Time | Session | Presenter |
|--------------------|---|---|
| 10–10:15 a.m. | Department of Energy Update | Mark Smith (DOE-VTO) and Dennis Smith (DOE-VTO) |
| 10:15–10:30 a.m. | California Energy Commission Update | Peter Chen (CEC) |
| 10:30–11 a.m. | Transient Plasma Systems: A Multi-Cylinder Transient Plasma Ignition System for Increased Efficiency and Reduced Emissions in Natural Gas Engines | Jason Sanders (TPS) |
| 11–11:30 a.m. | Michigan Technological University: Compression-Ignition Mono-Fueled Natural Gas High-Efficiency, High-Output Engine for Medium and Heavy-Duty Applications | Brian Eggart (MTU) |
| 11:30 a.m.–12 p.m. | Gas Technology Institute: CNG Full Fills with a Complete Smart Fueling System | Jason Stair (GTI) |
| 12–1 p.m. | National Renewable Energy Laboratory: CNG Codes & Standards Considerations and Tank Testing | Lauren Lynch (NREL) |

Wednesday, May 12, 2021

| Time | Session | Presenter |
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| 10–10:30 a.m. | Cummins: High-Efficiency, Ultra-Low Emissions Heavy-Duty Natural Gas Engine Research and Development | Saradhi Rengarajan |
| 10:30–11 a.m. | University at Buffalo: Development of Zeolite-Based Catalysts for Improved Low Temperature CH₄ Conversion | Tala Mon (UB) |
| 11–11:30 a.m. | Southwest Research Institute: Development of a Pent-Roof Medium-Duty Spark-Ignited Natural Gas Engine in an Optimized Hybrid Vehicle System | Scott Sjoval (SWRI) |
| 11:30 a.m.–12:00 p.m. | US Hybrid: Plug-in Hybrid CNG Drayage Truck "PHET" | Abas Goodarzi |
| 12–12:30 p.m. | University of Alabama: High-Efficiency Natural Gas Dual Fuel Combustion Strategies for Heavy-Duty Engines | Sundar Krishnan (UA) |
| 12:30–1 p.m. | Wrap up | John Gonzales (NREL) |