MEDIUM & HEAVY DUTY VEHICLES 1
WEDNESDAY, NOVEMBER 8 - ROOM 101 B, 1:15 PM - 3:15 PM

- **Heavy Duty Hybrid Electric Fuel Cell Trucks** - Paul Scott, TransPower
  - The presentation will provide detail on ZEV trucks and their high efficiency energy storage, tractive power and subsystems, with performance data. One of the fuel cell trucks will be on display in the Exhibit Hall.

- **Advanced Fuel Cell Platform For Heavy Duty Vehicles** - Nathan Joos, Hydrogenics Corporation
  - Presentation of the latest performance and durability results for Hydrogenics HyPM HD high power platform for mobility power systems.

- **No-Compromise Freight Transport in Operation** - Ben Nyland, Loop Energy
  - Loop Energy’s “no-compromise” powertrain solution, which combines an electric battery with a hydrogen fuel cell range extender, is now integrated into an operational yard truck. This presentation will provide further detail on its FCREX and yard truck operation, as well as its commercial viability for drayage applications.

- **Hydrogen Region 2.0: demonstration projects in The Netherlands and Belgium** - Wouter Laak, WaterstofNet
  - WaterstofNet (HydrogenNet in English) is involved in the Interreg Flanders/Netherlands funded project ‘Hydrogen Region 2.0’, where a 40 ton fuel cell heavy duty truck will be developed and demonstrated. HydrogenNet also coordinates the demonstration of fuel cell garbage trucks funded by the EU Life program and a 27 ton fuel cell heavy duty truck with a mobile hydrogen refueler which is funded by Interreg North West Europe.

- **Fuel Cell Extended Range Delivery Truck** - Kristian Jokinen, CALSTART
  - A major parcel delivery company and CALSTART are executing a project to integrate, validate and demonstrate a commercial-path, optimized Fuel Cell Range Extended Electric Delivery Truck for demonstration out of a regional hub using a nearby hydrogen fueling facility.

  - A comparison of PEM fuel cell medium/heavy duty trucks, transit buses, and light duty vehicles (LDV) and the opportunity for power plant cost reduction by designing common fuel cell stacks for all three vehicle applications.