Complex System Method to Assess Commercial Vehicle Fuel Consumption
Anrico F. Casadei, John J. Kasab, Henry H. Huang, and Felipe Brandao
17th DEER Conference, 4 October 2011, Poster P-08

● **Objective:** Use a whole-vehicle approach to
  – Gather information on vehicle systems
  – Gather information on current and future powertrain technologies
  – Combine this information to prepare a knowledge management tool that supports high-level decision making

● Apply this Complex System Method to fuel economy, here to medium and heavy duty vehicles
  – Class 8 Truck
  – Light Tactical Vehicle
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- Determines appropriate baseline costs and performance metrics
- Gathers expert inputs for future technology packages in timeframe of interest

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