



APS LABS - *Advanced Power Systems Research Center*
Promote & facilitate education and research in clean, efficient, and sustainable power and powertrain systems.

Background - *Formed in 2007 – APSRC building core facility 2015 - \$2.6M FY16*

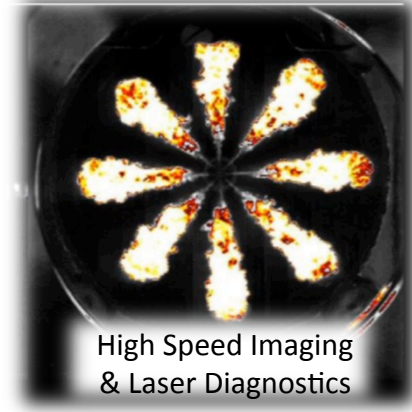


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Jeremy Worm Research Engineer Director Mobile Lab	Chris Morgan Research Engineer Mobile Lab Operations Manager	Paul Dice Research Engineer APSRC Operations
Henry Schmidt Research Engineer AERB Operations	Christopher Pinnow Research Engineer Electronics and Instrumentation (25% APSRC/75% GLRC)	James Desrochers / Adam Johnson Industry Program Development



How can we contribute/support

- **Technical expertise** in energy and automotive & commercial vehicles
- **Instrumentation, Facilities, Labs, & Vehicles**
- **Education, Outreach, & Technology Demonstration**
- **Partnering:** GM, Ford, FCA, Toyota, Honda, ..., Cummins, Deere, Detroit, Isuzu, MHI, ..., Delphi, Denso, Borg Warner, Hitachi, ..., ANL, ORNL, PNNL, SNL, INL, ...
- **Collaborative Proposals:** DOE APRA-e Connected and automated vehicles: \$3.5M – ME/ECE/CEE partnered with GM



High Speed Imaging
& Laser Diagnostics

