

Complete Invited-Presentation List of Christopher S. Goldenstein

INVITED CONFERENCE PRESENTATIONS

1. **C.S. Goldenstein**, J.B. Jeffries, R.K. Hanson, Recent Advancements in Wavelength-Modulation Spectroscopy Applied to Hostile Combustion Systems, *Gordon Research Conference on Laser Diagnostics in Combustion*, Waterville Valley, NH. August 13, 2015.
2. **C.S. Goldenstein**, R.M. Spearrin, J.B. Jeffries, and R.K. Hanson, Infrared Laser-Absorption Sensing for Combustion Flows, *13th Atmospheric Spectroscopy Applications and HITRAN Conference*, Reims, France. August 24, 2016.
3. **C.S. Goldenstein**, Laser-Absorption Diagnostics for Characterizing Dynamic Combustion Events, *Purdue Energetic Materials Summit*, West Lafayette, IN. May 22, 2017.
4. **C.S. Goldenstein**, G.C. Mathews, and Y. Zhou, Single-ended infrared laser-absorption sensing of gas properties, in: *OSA Advanced Photonics Congress*, New Orleans, LA, July 24, 2017 <https://doi.org/10.1364/SENSORS.2017.SeM3E.1>

INVITED SEMINAR PRESENTATIONS

1. **C.S. Goldenstein**, R.M. Spearrin, J.B. Jeffries, R.K. Hanson, Calibration-free laser-absorption sensors for time-resolved gas properties in combustion engines, *Argonne National Laboratory Transportation Research Division Seminar*, Darien, IL. August 28, 2014.
2. **C.S. Goldenstein**, J.B. Jeffries, R.K. Hanson, Laser-Absorption Sensors for Characterizing Hostile Energy Systems, *Purdue University Mechanical Engineering Seminar*, West Lafayette, IN. February 23, 2015.
3. **C.S. Goldenstein**, V.A. Miller, R.K. Hanson, IR Laser-Induced Fluorescence of CO₂ for Imaging Gas Properties, *Stanford University High Temperature Gasdynamics Laboratory Seminar*, Stanford, CA. April 1, 2015.
4. **C.S. Goldenstein**, and R.K. Hanson, Laser Absorption Spectroscopy for High-Fidelity, Calibration-Free Measurements of Gas Properties at High Temperatures, *Harvard-Smithsonian Center for Astrophysics Seminar*, Cambridge, MA. August 17, 2015.