



3rd Workshop on Measurement and Computation of Turbulent Spray Combustion (TCS 3), September 2, 2012

Final Program

- 09:00-10:15 **Registration and Poster setup**
(*S. Fernando*)
- 10:15- 10:20 **Welcome and Announcements**
(*Chair: E. Gutheil*)
- 10:20-11:20 **Invited Lecture**
(*Chair: A. Sadiki*)
Atomization and Spray: Link to Turbulence, Vaporization and Combustion (*Francois-Xavier Demoulin*)
- 11:20-13:00 **Lunch + Poster Session**
- 13:00-14:30 **Progress since TCS2**
(*Chair: A. Masri*)
- Sydney spray flames: Modeling Approach comparisons: Evaporation modeling (C. Mouldi)
 - Sydney spray flames: Modeling Approach comparisons: Combustion modeling (H. Colin/A. Kourmatzis)
 - Individual contributions related to comparison studies
 - Update on measurement results (Sydney spray flames) (A. Masri)
- 14:30-15:30 **Progress on diagnostics and numerical modeling of spray flame** (*Chair: E. Mastorakos*)
- New experiments and databases
 - RANS and PDF based modeling
 - LES and FDF based modeling
 - DNS contributions
 - Slides to prompt open discussions
- 15:30-16:00 **Coffee break + Poster Session**
- 16:00-16:45 **General Discussion**
(*Chair: D. Roekaerts*)
- Highlights from posters and other works
 - Interaction between experimental work and modeling issues
 - Identification of target flames
- 16:45-17:00 **Actions and Planning for TCS4**
(*Chair: B. Merci*)