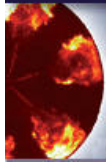


ECN2

2nd Workshop on Spray Combustion

Heidelberg, Germany ■ 7-8 September 2012



Engine Combustion Network

Program

Friday 7 September

8.00 *Registration*

9.00 Introduction and mechanics
Gilles Bruneaux (IFPEN), Lyle Pickett (Sandia)

9.20 Engine flows
Sebastian Kaiser (U. Duisburg-Essen)

9.50 Discussion

Diesel Spray Target Conditions

10.00 Internal flow and geometry
Chris Powell (Argonne), David Schmidt (UMASS Amherst), Marco Arienti (Sandia)

11.20 Discussion

11.50 *Lunch*

13.00 Spray development and vaporization
Julien Manin (Sandia), Sibendu Som (Argonne), Chawki Habchi (IFPEN)

14.20 Discussion

14.50 *Break*

15.30 Mixing and velocity
Louis-Marie Malbec (IFPEN), Gianluca D'Errico (Politecnico di Milano)

16.50 Discussion

17.20 Gasoline spray combustion
Scott Parrish (GM)

17.50 Discussion

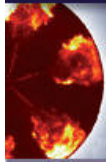
18.00 *End of the 1st day technical sessions*

19.00 *Workshop dinner in **Kulturbrauerei Heidelberg** (Leyergasse 6)*

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Saturday 8 September

- 9.00 Ignition and lift-off length
Michele Bardi (CMT), Evatt Hawkes (UNSW), Christian Angelberger (IFPEN)
- 10.20 Discussion
- 10.50 *Break*
- 11.10 Soot
Emre Cenker (U. Duisburg-Essen, IFPEN), Dan Haworth (Penn State)
- 12.00 *Lunch*
- 13.00 Soot (continued)
- 13.30 Discussion
- 14.00 Future directions
- 15.00 Birdie / vortex interaction in strongly accelerating flows...



Workshop overall program organizers:

Gilles Bruneaux (IFP Energies nouvelles), Lyle Pickett (Sandia)