

ECN1 Workshop

Final Program

Friday- 13 May 2011

8:00am	Registration & Continental Breakfast	
9:00am	Introduction & Mechanics	Lyle Pickett, Sandia National Labs
9:20am	Spray A Experimental Efforts	Gilles Bruneaux, IFPEN
9:50am	<i>Vessel Temperature</i>	Maarten Meijer, Eindhoven
10:15am	<i>Ambient Composition</i>	Jaclyn Nesbitt, MTU
10:40am	<i>Nozzle and injector temperature</i>	L.M. Malbec, IFPEN
11:05am	<i>Nozzle geometry</i>	Alan Kastengren, Argonne
11:35am	Break- Lunch provided	
1:30pm	Spray A Experimental Efforts continued	
1:30pm	<i>Hydraulic characterization</i>	Raul Payri, CMT
1:55pm	<i>Liquid Length</i>	Caroline Genzale, GaTech
2:20pm	<i>Vapor penetration</i>	Tim Bazyn, Caterpillar
2:45pm	<i>Combustion</i>	Sandia- Lyle Pickett
3:10pm	Discussion	
3:45pm	Break- light snack provided	
4:15pm	Spray A Computational Efforts	Sibendu Som, Argonne
	<i>Argonne</i>	Sibendu Som
	<i>UW-Madison</i>	Chris Rutland
	<i>Poly Milano</i>	Gianluca D'Errico
	<i>Sandia</i>	Lyle Pickett
	<i>UNSW</i>	Yuanjiang Pei
5:10pm	Spray A Computational Effort Results	Sibendu Som, Argonne
5:40pm	Discussion	
6:00pm	Conclude Day 1	

Saturday- 14 May 2011

8:00am	Registration- beverages provided only	
8:30am	Baseline n-heptane Experimental Efforts	Lyle Pickett, Sandia
8:50am	Baseline n-heptane Computational Efforts	Evatt Hawkes, UNSW
	<i>Cambridge</i> Giulio Borghesi	
	<i>CMT</i>	
	<i>Eindhoven</i> Bart Somers	
	<i>UW-Madison</i>	
	<i>Penn St</i> Dan Haworth	
9:30am	Break- snack and refreshments provided	
10:00am	Baseline n-heptane Computational Effort Results	Evatt Hawkes, UNSW
10:50am	Discussion	
11:30am	Future Directions	
	<i>Spray B, 3-hole Diesel Injector</i>	
	<i>Gasoline Direct Injection</i>	
	<i>Canonical Engine Flows</i>	Sebastian Kaiser
	<i>Modeling & Experimental Working Groups</i>	
	<i>Next Workshop</i>	
1:00pm	Break- Lunch provided	
3:00pm	Discussion- Droplet Breakup Theory on San Buenaventura State Beach	
5:00pm	Conclude	