

Thermochemical Upgrading Workshop

hosted by

Air Liquide, ExxonMobil, Pacific Northwest National Laboratory (PNNL),
University of Delaware Energy Institute (UDEI)

Embassy Suites, Newark, DE

October 8 - 9, 2013

TIME	SPEAKER	PRESENTATION	LOCATION
Tuesday, October 8			
8:00 am	Registration/Morning Refreshments		Atrium
8:30 am	Welcome Remarks Representatives of Catalysis for Energy Network Charter Members Charles G. Riordan , Vice Provost, Research Office Henri Chevrel , VP R&D Americas and Director, DRTC Center, Air Liquide Richard J. Quann , Sr. Scientific Advisor, ExxonMobil Douglas Ray , Associate Laboratory Director, Pacific Northwest National Laboratory		Explorer/ DE River
9:00 am	Mike Klein , UDEI	Conference Rationale and Goals: Catalysis for Energy, EIEO, and Research Network	Explorer/ DE River
10:00 am	Richard Quann , ExxonMobil	A Blueprint: The ExxonMobil SOL Story and Its Business Uses	Explorer/ DE River
11:00 am	Break - Poster Session		Atrium
11:30 am	Krystal Wrigley , ExxonMobil	Petroleum-derived Products	Explorer/ DE River
12:00 pm	Lunch		Atrium
1:00 pm	Jonathan Mathews , PSU	Coal Structure	Explorer/ DE River
2:00 pm	John Holladay , PNNL	Biomass to Biocrude Overview	Explorer/ DE River
3:00 pm	Pietro Di Zanno , Air Liquide	Biomass Upgrading: Crops to Bio-oil	Explorer/ DE River
4:00 pm	Break - Poster Session		Atrium
4:30 pm	Mariefel V. Olarte , PNNL	Pyrolysis Oil Hydrotreating	Explorer/ DE River
5:30 pm	Susanne B. Jones , PNNL	TEA/LCA : Biomass Conversion & Upgrading	Explorer/ DE River
6:30 pm	Reception		Atrium
7:15 pm	Dinner: Guest Speaker: Vijay Swarup , ExxonMobil The ExxonMobil Energy Outlook		New Amstel
Wednesday, October 9			
8:00 am	Morning Refreshments		Atrium
8:30 am	Steven Pyl , ExxonMobil	Biomass to Chemicals by Steam Cracking	Explorer/ DE River
9:30 am	Tim Barckholtz , ExxonMobil	Natural Gas: Past, Present, and Future Uses	Explorer/ DE River
10:30 am	Break – Poster Session		Atrium
11:00 am	Pietro Di Zanno , Air Liquide	Coal to Liquids via Gasification	Explorer/ DE River
11:30 am	Joseph Marriott , NETL	LCA – Coal, Production of Liquid Fuels	Explorer/ DE River
12:00 pm	Lunch: Guest Speaker: Robert S. Weber , PNNL Catalysis for Energy Network		Explorer Argall