

Draft Agenda

Water and Environmental Technology (WET) Center
A National Science Foundation Industry/University Cooperative Research Center
Temple University, University of Arizona, Arizona State University

Industrial Advisory Board Annual Meeting

June 22-23, 2010

Monday– June 21, 2010

Arrival in Philadelphia – Check into Radisson Hotel (King of Prussia; details attached)

7:00 pm–9:00 pm Informal Meeting at Radisson Hotel, Chumley's Bar and Restaurant (OPTIONAL)

Tuesday– June 22, 2010 Adams Room.

Convener – Rominder Suri, Director WET - I/UCRC

7:30–8:30 AM Breakfast (Franklin Room)

8:45–9:00 AM Opening Remarks and Introduction of Participants
Rominder Suri, Director WET Center

9:00–9:15 AM State-of-the-Center Report – Temple University
Rominder Suri

9:15– 9:30AM State-of-the-Center — The University of Arizona
Ian Pepper, Director UA Site

9:30– 9:45AM State-of-the-Center — Arizona State University
Morteza Abbaszadegan, Director ASU Site

9:45 – 10:30AM Research Progress Summaries, University of Arizona Center Site
Ian Pepper, Director UA Site

10:30–10:45AM Coffee Break

10:45 – 11:30AM Research Progress Summaries, Arizona State University Center Site
Morteza Abbaszadegan, Director ASU Site

11:30 – 11:45AM WET Center NSF Evaluator Report
David Tansik

A break for lunch. Franklin Room

Project Presentations

1:00 -1:15 PM Project Report 1: Evaluation of EPA Analytical Method and Development of Analytical Methods for Emerging Chemicals of Interest
Weiyue Qu, TU

1:15-1:30 PM Project Report 2: Development of novel, selective nanomaterials for the removal of ECs from water
Bikash Bhattarai, TU

1:30-1:45 PM Project Report 3: Evaluation of advanced oxidation processes for destruction of emerging contaminants
Tony Singh, TU

- 1:45- 2:00 PM Project Report 4: Development of an electro-sonolytic process for destruction of aqueous ECs
Gangadhar Andaluri, TU
- 2:00 – 2:15 PM Project Report 5: Removal of select emerging contaminants from water and wastewater using ion
exchange technology
Dan Liu, TU
- 2:15 – 2:30 PM Project Report 6: Bioassays for the determination of estrogen mimics
Candice M. Johnson, TU
- 2:30-2:50 PM Coffee Break
- New Proposal Presentations
- 2:50 – 3:10 PM Proposed Research Project 1: Risk Assessment for Emerging Contaminants via Life Cycle
Assessment (LCA) and Toxicology Data
Sandip Shah, TU
- 3:10 – 3:30 PM Proposed Research Project 2: Development of Predictive methodologies using quantum chemistry
calculations (QCC), quantitative structure-activity and structure-property relationships
(QSAR/QSPR) to model EC degradation
Ekaterina Rokhina, TU
- 3:30 – 4:30 PM Industry Workshop about Future Research Needs (Technology Road Map)
Guided discussion and feedback on additional research needs
Paul Yaroschak, DoD
- 4:30 – 4:45 PM Discussion of the organization of the next morning session
- 5:00–6:00 p.m. Cocktail Hour and Discussions. Blue Grotto Restaurant
- 6:00 p.m. Dinner. Blue Grotto Restaurant

Wednesday – June 23, 2010 Adams Room

- 7:30–8:30 a.m. Breakfast (Franklin Room)
- 8:30–10:00 a.m. Open Discussion of Research Area Projects; Feedback from LIFE forms and Industry Workshop
David Tansik and Rominder Suri
- 10:00-10:20 am Coffee Break
- 10:20–11:20 am Closed Session—Industry Members, Center Directors and NSF
Paul Yaroschak, DoD
Agenda:
Center Bylaws
Meeting Minutes Approval
Date for Fall Biannual Meeting
- 11:20–11:30 am Closing Remarks. Adjourn.
- Wednesday PM Tour of Temple laboratory facilities (OPTIONAL)

**Water and Environmental Technology (WET) Center
IAB Meeting, June 22-23, 2010**

Location - Radisson Hotel

1160 First Avenue King of Prussia, PA 19406

Phone: 610-337-2000

www.RadissonValleyForge.com

Block Rooms have been reserved under "WET Center" for June 21st and 22nd. The room rate is \$129 per night (original rate was \$169). The government rate is \$129 per night.

DIRECTIONS to Radisson Hotel

(Near the Historic Valley Forge Park)

From Philadelphia Airport | Take I-95 South to #476 North to Route 76 West. Take Exit #327 (Mall Blvd) and Bear right onto Mall Blvd. Turn Right onto N. Gulph Road and proceed 1.5 miles to First Avenue.

From Philadelphia | Take Schuylkill Expressway (Route 76) West to Exit #327 (Mall Blvd) and Bear right onto Mall Blvd. Turn Right onto N. Gulph Road and proceed approx. 1.5 miles to First Avenue.

From Pennsylvania Turnpike | (Route 276) Take Turnpike to Exit #326 (I-76, I-476, US-202, Philadelphia, Valley Forge). Take Exit #327 (N. Gulph Rd., Valley Forge) Continue onto North Gulph Road and Proceed 1.5 miles to First Avenue

From Route 202 North | Take Pottstown Exit, Route 422 West to first Exit, (Bridgeport - Rt. 23 East.) Turn Right at first light (Moore Rd). Turn right at next light (First Avenue) to Hotel.

From Route 202 South | Take 202 South to Allendale Road. Turn Right. Proceed approx 2 miles to First Avenue and turn left. Proceed approx 1.5 miles to Hotel Complex on Right.

From Route 422 East | Take First Avenue Exit to Hotel.

From Interstate 95 | Take Exit 7 (Route 476 North) to Exit 16B, (Route 76 West/Valley Forge) Exit #327 (Mall Blvd) and Bear right onto Mall Blvd. Turn Right onto N. Gulph Road and proceed 1.5 miles to First Avenue.

1160 First Avenue King of Prussia, PA 19406

Phone: 610-337-2000

www.RadissonValleyForge.com

Airport Shuttle

Trapiano Shuttle runs frequently between the airport and the Radisson Hotel. Please make reservations with Trapiano Shuttle - you may contact them at (215) 616-5370. The Hotel is about 30 to 45 minutes from the Philadelphia Airport.