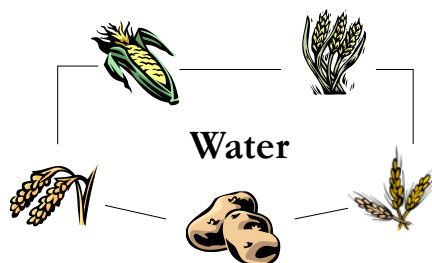


The Sixth International
Starch Technology
Conference

University of Illinois

May 31 to June 3, 2009



Holiday Inn
Urbana, Illinois

Sunday, May 31

6:00 Casual reception and dinner,
Sunken Gardens and Arboretum,
University of Illinois

Monday, June 1, 8:30-4:00

8:00 Continental breakfast
8:30 Welcome
9:00 Water sustainability for peoples of the world:
nexus to the food production and processing,
Mark Shannon, University of Illinois
9:45 Water management reduces the environmental
footprint of dry grind ethanol plants,
Andy Cooper, Nalco
10:30 Break
11:00 Economic evaluation of ethanol production
technologies: current and future,
Doug Tiffany, University of Minnesota
11:45 Integrated Bioprocessing Research Laboratory
(IBRL), Gregory Knott and Natalie Bosecker,
University of Illinois
12:15 Lunch
1:30 Increasing production efficiencies of grain to
alcohol by viscosity reducing enzymes,
Don Ward, Genencor
2:15 Hydrologic footprints and the Q to L ratio:
tools that can guide water reuse planning,
Paul Anderson, Illinois Institute of Technology
3:00 Break
3:45 Economically condensing low pressure vapors
while minimizing water usage,
John Robertson, Alfa Laval
4:30 Recovery of water in the corn to ethanol
industry by integrating anaerobic digestion,
Lars Angenent, Cornell University
5:15 Reception with exhibits and posters

Tuesday, June 2, 9:00-4:30

8:00 Continental breakfast
9:00 Enzymatic water removal: potential energy and
water reductions for fuel ethanol production,
David Johnston, Eastern Regional Research
Center, ARS, USDA
9:45 Micro-scale optimization of water use in mass
production of starch-containing finished foods,
Charlie Kauffman, Perten Instruments
10:15 Break
10:45 Water consumption for sustainable biofuel
development – a comparative study,
May Wu, Argonne National Laboratory
11:30 Whole corn drying and its effect on starch
fermentability, Chee-Leong Soong,
Novozymes
12:00 Lunch
1:30 Improved chromatography processes for better
separations and lower water consumption in
starch derived applications,
Daniel Bar, Ameridia
2:15 Break
2:30 Groundwater availability for ethanol
production in Illinois, Al Wehrmann,
Illinois State Water Survey
3:15 Water recovery using drying processes,
George Svonja, Barr-Rosin
4:00 Tours of University of Illinois Research Park

Wednesday, June 3, 8:00-11:00

7:30 Continental breakfast
8:00 Membrane processes for the starch based
sweetener industry: applications and
challenges, Frank Lipnizki, Alfa Laval
8:45 Water use in dry grind ethanol production,
Paul Young, US Water Services
9:30 Break
9:45 Will global warming affect your water future?,
Tom Clevenger, University of Missouri
10:30 Adjournment