Overview

The 6th Annual Bioenergy Feedstocks Symposium is the culmination for the 5-year long Illinois Council on Food and Agricultural Research (C-FAR) Special Research Initiative:

BIOMASS ENERGY CROPS FOR POWER AND HEAT GENERATION IN ILLINOIS - DIVERSIFYING CROPPING, IMPROVING ENERGY SECURITY AND BENEFITING THE ENVIRONMENT

This Research Initiative focuses on the use of Miscanthus, a perennial rhizomatous grass, as a potential renewable energy source for Illinois and profitable alternative crop for Illinois producers.

Reservations

This event is sponsored by the Illinois Council on Food and Agricultural Research (C-FAR) and is free and open to the public. However, registration is required and interested parties should contact to Penny Cole to RSVP:

Email: pccole@illinois.edu
Ph: 217-244-6746
Attn: 2009 Biomass SRI

Agenda

January 13th:

8:00-8:30	Registration
8:30-10:15	Session I
10:45-12:15	Session II
12:15-1:15	Lunch
1:15-3:30	Session III
4:00-4:30	Session IV
5:30	End of Day 1

January 14th:

8:30-9:45	Session V
10:15-1:00	Session VI
1:00	Symposium Conclusion

Rooms are being held at the iHotel in Champaign, IL. Please be sure to mention the code "ABFS" when making your reservation to receive the discounted room rate.

For More Information

Please Visit:
www.miscanthus.edu
or Contact:
Becky Arundale
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(217)333-4617

College of Agricultural, Consumer and Environmental Sciences
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

Department of Crop Sciences
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

You are Cordially Invited to the 6th Annual:

Bioenergy Feedstock Symposium

Tuesday, January 13th
&
Wednesday, January 14th
2009

University of Illinois at Urbana Champaign

HOTEL and conference center
1900 S. First Street, Champaign, Illinois 61820

15 C-FAR Celebrating 15 years

ILLINOIS
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

Biomoass Energy Symposium

Along with presentation from all members of this project, keynote speakers include:

Tom Ulrich

Dr. Thomas H. Ulrich earned his Ph.D. in Agronomy, University of Illinois. He has more than 20 years of university, industrial, and Idaho National Lab R&D experience in plant science and molecular biology as applied to a wide range of biological systems. Tom is currently collaborating on Department of Energy biomass projects involving biomass related gene discovery and plant genetic variation. He is also assessing the impact of different types of biomass feedstocks on the feedstock assembly supply chain and at the biorefinery. Dr. Ulrich is an Advisory Scientist in the Biofuels & Renewable Energy Technology Group at the Idaho National Lab.

Gavin Maxwell

With over 25 years' experience in the design and deployment of major commercial and NGO programs, Mr Maxwell is credited with an impressive list of innovative strategies that are now deployed and assisting to produce sustainable Bio Energy & Biomass replacements for damaging Hydrocarbons. In 2006, Coolfin designed the Irish Green Energy Service Structure that is now one the leading Biomass Producer Groups in Europe. Mr Maxwell is also an advisor on Industrial Hemp Licensing and author of *Agrarius*, a Software for Agri Biomass Plantation Management and traceability for carbon offset values. He is a leading advocate for developing regional spatial supply chains to reduce national dependency on imported fossil fuels and is working with USA Partners to develop more productive miscanthus rhizome 'planting' and 'regeneration' technologies.

Cristina Negri

As a soil scientist and agronomist, M. Cristina Negri leads the phytotechnologies R&D activities at Argonne National Lab. During her 16-year Argonne appointment, she conducted and directed lab-and full scale projects developing technologies for environmental stewardship and the sustainable production of lignocellulosic energy crops feedstock. These multidisciplinary projects focus on understanding crop/water relationships to maximize both productivity and sustainability, strategies for drought tolerance, and the utilization of alternative water and land resources to achieve maximum productivity and environmental gains.

Steve Flick

Steve Flick is currently Chairman of the Board of Show Me Energy Cooperative, a cellulosic biomass facility owned by 400 farmers. The 7 million dollar project has been completed and is expected to be operational July 2008, developing and processing energy crops and Agricultural residues into biomass engineered fiber fuel. This fuel is used for coal-firing at a local utility and for heating residents' homes.

Sylvie Brouder

Dr. Sylvie Brouder is a Professor of Agronomy at Purdue University. Her research is primarily on crop mineral nutrition with a focus in water quality and nutrition balances and losses in agro-ecosystems. She has research experience with cotton, rice, corn, soybean, and alfalfa systems. Additionally, Dr. Brouder is director of Purdue's Water Quality Field Station (WQFS) which is currently pursuing an interdisciplinary team effort to understand the production and environmental implications of the U.S. biofuel agenda.

Emily Heaton

While pursuing her doctorate in Crop Sciences at the University of Illinois, Dr Heaton pioneered and led research comparing the biomass production of Miscanthus and switchgrass in the US. research that indicated Miscanthus could produce 250% more ethanol than corn, without requiring additional land. Dr. Heaton worked for two years as the Manager of Energy Crop Product Development at Ceres, Inc, a biotechnology seed company working to become a primary source for bioenergy seed supplier. Dr. Emily Heaton has recently joined Iowa State University as an Assistant Professor of Agronomy focusing on the biomass crop production and physiology.

Mike Casler

Dr. Michael Casler is a Research Geneticist with the USDA-ARS Dairy Forage Research Center in Madison, WI. His research is focused on the genetics and breeding of perennial grasses for forage, bioenergy, and turf applications. He has studied the genetics of cell-wall degradation as related to forage nutritional value and bioenergy feedstock quality, various biotic and abiotic stress tolerances, the evolution and domestication of perennial grasses, and statistical/quantitative methods of data analysis. He has published over 150 peer-reviewed articles in over 25 different journals. He is Editor-in-Chief of two scientific journals, *BioEnergy Research* and *Forage & Grazinglands*

Thanks and we look forward to seeing you there!