



PKSINHA
CENTER FOR
BioEnergy
IIT KHARAGPUR

presents

International Symposium on Bioenergy

Date: January 5-7, 2010

Venue: Gargi Auditorium, Vikramashila Complex, IIT Kharagpur

Program

January 5, 2010

17:00-18:00: Registration and Symposium Inauguration

18:00 – 19:15: Open Session for IIT students and symposium participants with *Chris Somerville*, Director, Energy Biosciences Institute (EBI), University of California – Berkeley, and *Luuk van der Wielen*, Director, B-Basic, NWO-ACTS, Delft University

19:30 – 21:30: Welcome reception and Dinner

January 6, 2010

9.00-9:45: Keynote address by Chris Somerville, Director, Energy Biosciences Institute (EBI), University of California – Berkeley, Title: *Development of Cellulosic Fuels*

9:45-10.00: Coffee Break

10:00-10:30: Speaker: Norman L. Miller, EBI, UC Berkeley, Title: *Bioenergy Feedstock and Environmental Modeling*

10:30 – 11:00: Speaker: Atul Jain, EBI, University of Illinois at Urbana Champagne, Title: *Land-Use and Land-Cover Change for Biofuel Crops and Associated Changes in Hydrological Cycle and Energy Exchange Processes in Indian Region*

11:00 – 11:30: Speaker: Madhu Khanna, EBI, University of Illinois at Urbana Champagne, Title: *Expanding Biofuel production: Economic and Policy Considerations*

11:30 – 12:00: Speaker: Govindswamy Bala, Indian Institute of Science, Bangalore, Title: *Simulated future terrestrial carbon uptake over India: Uncertainty from CO₂-fertilization*

12:00 – 12:45: Panel Discussion (Panelists: Chris Somerville, Luuk van der Wielen, Norman Miller, Atul Jain, Madhu Khanna, G. Bala)

12:45-14.00: Lunch

14.00-14:45: Keynote address: “*Bioenergy Mission in India*” from Department of Biotechnology (DBT), India

14:45 – 15:15: Speaker: Probir Ghosh, President and CEO, invVEST, Title: *Sustainable Energy Initiatives*

15:15 – 15:30: Coffee Break

15:30 – 17:30: “*PK Sinha Center for Bioenergy Showcase*”, Speakers: IIT Kharagpur faculty affiliated to the PK Sinha Center for Bioenergy

15:30 – 16:15: *Bioenergy Landscape at IIT Kharagpur, Energy Cropping, Bioethanol, Biomethanation*

16:15 – 17:00: *Biohydrogen, Biodiesel and Gene Prospecting*

17:00 – 17:30: *Microbial and Algal Biofuels*

19:00 – 21:30: Cultural Program & Symposium Dinner

January 7, 2010

9.00-9:45: Keynote address by Luuk van der Wielen, Director, B-Basic, NWO-ACTS, Delft University on “*Building the Biobasis for the Chemicals, Materials and Energy Industry*”

9:45 – 10.00: Coffee Break

10:00-10:30: Speaker: Nathan Mosier, Purdue University, Title: *Biochemically derived Liquid Biofuels from Plant Biomass*

10:30 – 11:00: Speaker: D. K. Tuli, CEO, IndianOil Technologies Limited (IOCL), Title:

11:00 – 11:30: Speaker: Ashok Pandey, Deputy Director, National Institute for Interdisciplinary Science and Technology, Trivandrum, Title:

11:30 – 12:00: Speaker: CEO, PRAJ Industries Ltd., Title:

12:00 – 13.00: Panel Recommendations and Valedictory Session

13.00 – 14.00: Lunch