The Rutgers EcoComplex
Rutgers Energy Institute
New Jersey Institute for Food, Nutrition and Health

FOOD WASTE-TO-LOW CARBON ENERGY
CONFERENCE
APRIL 27-28, 2016
AGENDA
Academic Research Day - April 27, 2016

Dr. Robert Goodman, Dean, School of Environmental and Biological Sciences
Executive Director, New Jersey Agricultural Experiment Station
9:00 - 9:15

Dr. Stefan Grimberg, Clarkson University, NY
Anaerobic Digestion of Food Waste Through the Operation of a Mesophilic
Two-phase Pilot Scale Digester
9:15 - 9:45

Dr. Largus Angenent, Cornell University, NY
Resource Recovery from Food Waste: Storage to Biorefineries
9:45 - 10:15

Coffee Break
10:15 - 10:30

Dr. Uta Krogmann, Rutgers University
Engineering Strategies for a Sustainable Food Supply Chain
10:30 - 11:00

Dr. Kartik Chandran, Columbia University
Flexible Platform Technologies for Resource Recovery from Food Waste
11:00 - 11:30

Dr. David Babson, Union of Concerned Scientists
Moving Beyond Food-based Biofuels: Technology and Policy for
Next Generation Low Carbon Renewable Fuels
11:30 - 12:00
Lunch 12:00 - 1:00

Dr. Christos Christodoulotos & Dr. Agamemnon Koutsospyros 1:00 – 1:30
Stevens Institute of Technology/ University of New Haven
Algal Biomass Conversion to Low Carbon Energy

Dr. Sonny Ramaswamy, Director, National Institute of Food and Agriculture 1:30 – 2:30
Listen and Learn Session

Melissa Pennington, EPA Region3 2:30 – 3:00
Anaerobic Digestion of Food-based Materials from EPA’s Perspective

Coffee Break 3:00 – 3:15

Dr. Donna Fennell, Rutgers University 3:15 – 3:45
Ammonia Tolerant Microorganisms from Anaerobic Waste Treatment Systems

Young Scientists Panel 3:45 – 4:45

Moderator: Dr. Serpil Guran, Rutgers EcoComplex

- Dr. Yelda Hangun-Balkir, Manhattan College
  Trash to Treasure: Biowaste-to-Energy as Next Fuel Source
- Dr. Roy Posmanik, Cornell University, NY
  Integrating Hydrothermal Liquefaction and Anaerobic Digestion for Sustainable Energy Generation from Food Waste
- Matt Smith, University of New Hampshire
  Exploring Innovative Composting Systems

Poster session and Reception 4:45 – 6:30