



Robert C. Armstrong

This year's FESC Summit, held September 27-28 at the University of Florida's Reitz Union, opened with welcoming remarks from Dr. Win Phillips, University of Florida's Senior Vice President and Chief Operating Officer, and Commissioner Adam H. Putnam, Florida Department of Agriculture and Consumer Services. The program featured internationally renowned speakers, as well as presentations and posters highlighting FESC's innovative work leading to alternative energy strategies, improved energy efficiencies and expanded economic development for Florida. Robert C. Armstrong, Department of Chemical Engineering and MIT Energy Initiative at the Massachusetts Institute of Technology presented "Linking Science, Innovation, and Policy to Transform the World's Energy Systems: The MIT Initiative," as the keynote address for the third annual FESC Summit, to over 200 conference attendees. The Summit is organized to allow energy experts in the State University System (SUS) of Florida to share their energy-related research findings and to promote future collaboration. MORE

The complete program can be accessed at the FESC Website:

http://www.floridaenergy.ufl.edu/?page_id=6622

Each day included a plenary session, technical sessions, round table discussion, and poster session. The first day's plenary session featured Dr. Roy Periana, Director, Scripps Energy Laboratories, Dr. George Philippidis, Director, Alternative Energy Research Center and Associate Professor of Biofuel Engineering, University of South Florida Polytechnic, Commissioner Eduardo Balbis, Florida Public Service Commission, and Chris Fountas, General Partner, Milcom Venture Partners. The second day featured Dr. Pramod Khargonekar, Professor and Eckis Chair, University of Florida Department of Electrical and Computer Engineering, Dr. Winston Schoenfeld, Director of PVMC-FL and Associate Professor of FSEC & CREOL, University of Central Florida, and Dr. Chris Ferekides, Professor, Electrical Engineering, University of South Florida.

The technical sessions were each divided into three categories. Topic categories included: Biomass, Algal Biofuels, Solar Energy, Energy Efficiency, Energy Systems, Marine Energy, Carbon Capture, Nuclear Energy, Energy Storage and Delivery, and Energy Policy.

A Round Table discussion was designed to garner ideas around the questions: *If the SUS was to develop a major proposal, what would be the technical problem statement/vision and title? What would be the benefit to the State?* The following strategic area groups were available for participants to choose from: Bio-Energy, Carbon Capture, Energy Efficiency and Conservation & Geothermal, Energy Storage, Grid Technologies & Electricity Distribution, Secure Energy Systems, Solar PV, Solar Thermal, and Policy, Nuclear, Ocean Energy & Offshore Wind.



Energy Efficiency Group- Round Table Discussion

The first day of the Summit ended with a poster session highlighting 57 posters (18 students, 39 faculty), followed by a reception sponsored by Florida Power and Light. There was also a student poster contest resulting in 1st, 2nd and 3rd place winners as well as two honorable mention awards. This year's Summit included tours of the FCRC Biofuels Pilot Plant for interested attendees, as well as displays/units throughout the two days.

In addition to the Summit itself, two Pre-Summit Workshops were held on September 26. The first, *The Florida Clean Energy Workshop* was organized by DOE/EERE and focused on innovation in R&D and manufacturing in Florida's Clean Energy industry. This one day workshop drew 163 participants. The Community College Energy Workshop was organized by the Florida Advanced Technological Education Center (FLATE). Forty three people participated in this workshop. During the Summit both the FESC Advisory Board and FESC Oversight Board held their meetings.

Most participants, who completed the FESC Summit evaluation, rated the agenda items as Very Useful or Extremely Useful. Logistical elements of the conference were primarily rated as Very Adequate or Extremely Adequate. Plans are underway for combining the FESC and Florida Energy Summits in 2012.