

CAEFF 2013 Annual Research Symposium

Tuesday, March 26, 2013

Meeting Rooms I and II

Madren Conference Center

Clemson University

Program Agenda

10:00 Lab tours for industry participants (by prior request)

12:00 Lunch (provided)

1:15 Summary of past year's Center activities, Amod Ogale, CAEFF Director

1:30 Summary research presentations by CAEFF faculty

1:30 – 1:45	Mark Thies; David Esguerra; Julian Velez	Understanding Complex Natural Polymers: Pitches and Lignins
1:45 – 2:00	Abby Schaddock-Hewitt	Straight Forward Fiber Surface Modifications for Selective Protein Separations
2:00 – 2:15	Jinxiang Zhou	Perfluorocyclobutyl Polymer Thin Film Composite Membrane Fabrication for CO ₂ Separations
2:15 – 2:30	Marek Urban	Current Advances in Self-Healing Materials Using Electromagnetic Radiation
2:30 – 2:45	Chris Kitchens	Cellulose Nanocrystal Biopolymer Composite Fiber and Films
2:45 – 3:00	Igor Luzinov	Operational Nanoscale Polymer Films

3:00 Coffee Break

3:30 (continued) Summary research presentations by CAEFF faculty/students

3:30 – 3:45	Chen-Chih Tsai	Formation of Nanofiber Yarns and Their Applications
3:45 – 4:00	Mark Roberts	Polymer Modification Carbon Nanotube Paper Electrodes for High Energy Density Supercapacitor Electrodes
4:00 – 4:15	Ya-Ping Sun	Carbon Nanomaterials, New Opportunities and Potential Applications
4:15 – 4:30	Amod Ogale; Marlon Morales; Byron Villacorta	Alternative Precursors and Potential Applications
4:30 – 4:45	Chris Cox	Bicomponent Fiber Spinning/Draw Model
4:45 – 5:00	Amod Ogale	Closing Remarks

5:00 Adjourn