



C-SURF COLLOQUIUM AGENDA

Friday July 27, 2018

AOCB II Room 301, 09:00 am - 12:35 pm

09:00 am – 09:15 am

09:00 am – 09:05 am
09:05 am – 09:15 am

Opening Remarks

Michael Roberts, Dean & VP of Research and Emerging Initiatives, College of Science
Sathish Kumar, PI of C-SURF

09:15 am – 10:35 am

09:15 am – 09:35 am

Session I [Moderator: Sathish Kumar]

Title: Power Perception: Visibility Analysis in 3D Dynamic Visualization of Landscape Features at Hampton Plantation

Presenter: Reagan Belk, Mississippi State University

Mentor: Susan Bergeron, Politics and Geography, CCU

09:35 am – 09:55 am

Title: Classification and Predictive Modeling of Oceanography Data Using Data Mining Techniques

Presenter: Cassandra Chang, College of William and Mary

Mentor: Sam Abuomar, Computing Sciences, CCU

09:55 am – 10:15 am

Title: Spatiotemporal Topic Modeling and Sentiment Analysis of Global Climate Change Related Tweets

Presenter: Biraj Dahal, Clemson University

Mentor: Sathish Kumar, Computing Sciences, CCU

10:15 am – 10:35 am

Title: A 3D Reconstruction of the South Santee River Flow as Part of the Hampton Plantation Virtual Landscape Project

Presenter: Poushali Ghosh, Millersville University of Pennsylvania

Mentor: Susan Bergeron, Politics and Geography, CCU

10:35 am – 10:45 am

Break

10:45 am – 11:25 am

10:45 am – 11:05 am

Session II [Moderator: Varavut Limpasuvan]

Title: Leading-edge Vortices over Swept-back Wings

Presenter: William Lambert, Roanoke College

Mentor: Erin Hackett, Coastal & Marine Systems Science, CCU

11:05 am – 11:25 am

Title: Heat Fluxes by Planetary-scale Stationary and Transient Eddies Before Sudden Stratospheric Warming

Presenter: Joshua Smith, Morgan State University

Mentor: Var Limpasuvan, Coastal & Marine Systems Science, CCU

11:25 am – 11:45 am

Title: Sedimentary Organic Matter Dynamics at a High-Energy Beach

Presenter: Desirae Vess, Columbia College

Mentor: Angelos Hannides, Marine Science, CCU

11:45 am – 12:05 pm

Title: Idealized Modeling of the Impact of Coastal Sea Level on River Flooding

Presenter: Langston Wood, South Carolina State University

Mentor: Shaowu Bao, Coastal & Marine Systems Science, CCU

12:05 pm – 12:15 pm

12:05 pm – 12:10 pm
12:10 pm – 12:15 pm

Concluding Remarks

Robert Young, Director of Undergraduate Research, CCU
Var Limpasuvan, Co-PI of C-SURF

12:15 pm – 12:35 pm

Group Picture with Chauncey (meet at AOCB-II lobby)