**Carinata 2020 & SPARC 3rd Annual Meeting**

**University of South Florida-Patel College of Global Sustainability**

**4202 E Fowler Ave, Tampa, FL**

**February 26th- 28th, 2020**

**ALL TIMES ARE EASTERN**

**Wednesday, February 26, 2020** (Patel College)

**10:30-11:30 am**: Sign-in; Setup posters and talks

**11:30 am-1:00 pm:** Lunch

**General Session** (Rm. # 136 &138)

*Moderator: George Philippidis*

**1:00-1:10 pm**: Welcome- *Govindan Parayil-Dean, USF-Patel College of Global Sustainability*

**1:10-1:30 pm**: Address by SPARC PI- *David Wright, UF*

**1:30-1:40 pm**: FL Department of Agriculture: Partnering with SPARC for a successful carinata bioeconomy- *April Groover-Combs, Office of Energy, FDACS*

**1:40-2:00 pm**: Carinata global update; Future path for Nuseed & SPARC- *Leon Streit, Global R&D Lead, Nuseed*

**2:00-2:15 pm**: IPREFER: New USDA-NIFA CAP Program Overview- *Winthrop Phippen, Western Illinois University*

**2:15-2:30 pm**: Pennycress breeding program in the US Midwest-*Tim Ulmasov, CTO,* CoverCress Inc.

**2:30-2:50 pm:** Break

**2:50-3:10 pm**: Economic drivers of bioenergy feedstock production and environmental implications-*Madhu Khanna,* *University of Illinois, Urbana*

**3:10-3:30 pm**: Global SAF outlook-*Steve Csonka, Executive Director, CAAFI*

**3:30-3:45 pm**: Gulfstream’s SAF achievements and future plans-*Charles Etter, Gulfstream*

**3:45-4:05 pm:** Commercialization updates from Sunshine Biofuels; feedstock and supply chain considerations- *Mike Lokey, CEO, Sunshine Biofuels*

**4:10-5:10 pm:** Panel Discussion: Developing lipid feedstock supply chains in the Southeast-Finding common ground in the region (Carinata, Tung Oil, Cull Peanut, Cottonseed, Hemp etc.

*Moderator: Chris Tindal (CAAFI)*

*Panelists: Sunshine Biofuels, Terviva Inc., Applied Research Associates Inc. and SPARC*

**5:15-6:15 pm-** Poster Session

**6:30-8:30 pm**: Dinner; SPARC student oral and video competition

Adjourn

**Thursday, February 27, 2020 –** (Patel College; Rm. # 136 & 138)

*Moderator: Ian Small*

**8:00-8:15 am**: Carinata crop improvement priorities at Nuseed- *Rick Bennett, Nuseed*

**8:15-8:30 am:** Southeast US advanced yield trials summary- *Bill Anderson, USDA-ARS*

**8:30-8:45 am**: Enabling the advancement of carinata through applied artificial intelligence and remote sensing- *James Clohessy, UF*

**8:45-9:00 am**: Carinata growth and development modeling- *Ken Boote, UF*

**9:00-9:15 am**: Ecosystem modeling for regional scale assessment of soil emissions under energy crops- *John Fields, CSU*

**9:15-9:30 am**: Assessing hydrological and water quality benefits of land use conversion to a bioenergy crop- *Nahal Hoghooghi, UGA*

**9:30-9:45 am:** Break

**9:45-10:00 am**: Seeding the polymer industry with carinata- *Steve Miller, UF*

**10:00-10:15 am**: pH sensitive nanocomposite film for detection and prevention of food spoilage- *Zhaohui Tong, UF*

**10:15-10:30 am**: Fungal screening of mild pretreated carinata meal via solid state fermentation for feed improvement-*Bishnu Karki, SDSU*

**10:30-10:45 am**: Dare to be different: expanding knowledge exchange at carinata field days*-Ben Christ, UF*

**11:00-1:00 pm -** Solar and Algae Facility Tours

**1:15-2:40 pm-** Lunch (*USF-Muma College of Business)*

Summit Adjourns

**SPARC Annual Meeting**

**Thursday, February 27, 2020**

**1:15-2:40 pm-** Lunch; SPARC Awards*(USF-Muma College of Business)*

*Post-Lunch Session: Patel College; Rm. # 136 & 138*

**3:00-4:30 pm:** SPARCTeam Lead Reports

**4:30-4:45 pm**: Break

**4:45-6:00 pm:** Panel Discussion**:** New perspectives in carinata supply chain in the SE US.

*Moderator: Rich Altman*

*Panelists: Sunshine Biofuels, Applied Research Associates Inc. and SPARC*

**6:00-6:10 pm:** SPARC extension team briefly describes activities for the following day

**6:10 pm**: Adjourn; Dinner (on your own)

**Friday, February 28, 2020** (Patel College)

**8:00-9:45 am:** SPARC Tank-All Join *(*Rm. # 136 & 138)

**9:45 am-12:30 pm:** Workstream break-out sessions

(*Advisory members join team/s of interest; members engaged in activities across multiple teams can move around as needed; teams take break/s as needed)*

* Feedstock Development & System Metrics- *Ramdeo Seepaul & Puneet Dwivedi* (Rm #136 & 138)
* Extension and Education- *Dan Geller & George Philippidis* (Rm # 134)
* Fuel, Coproducts, Supply Chain- *Ed Coppola, Nicolas DiLorenzo & Rich Altman* (Rm #140)
* Meal and Coproducts-Nicolas DiLorenzo (Rm # 202)

**12:30-1:45 pm**: Lunch (Advisory Board meets with Steering Committee-Rm #202)

**1:45-2:00 pm:** SPARC Group Photo

**2:00-2:45 pm**: Advisory Board meeting- *Steve Csonka* (Rm # 202)

All Join: Rm. # 136 & 138

**2:45-3:00 pm**: Remarks by SPARC Program Manager-*Bill Goldner, USDA*

**3:00-3:45 pm**: Synthesis & Wrap-Up- *Wendy-Lin Bartels & Sheeja George*

Meetings Adjourn