

About C-SOPS

Founded in 2006, the Center for Structured Organic Particulate Systems (C-SOPS) brings together a cross-disciplinary team of researchers from major universities to work closely with industry leaders and regulatory authorities to improve the way pharmaceuticals are manufactured. C-SOPS is committed to modernizing pharmaceutical manufacturing by developing the science and engineering methods for designing, scaling, optimizing and controlling dosage forms and relevant manufacturing processes.

Headquartered at Rutgers University, C-SOPS partners include the New Jersey Institute of Technology, Purdue University, the University of Puerto Rico at Mayaguez, and more than 40 industrial consortium member companies.

- Teams of qualified engineers and scientists at C-SOPS use cutting-edge technology to address fundamental scientific challenges and to apply this knowledge to develop and optimize new manufacturing methods.
- Just remember C-SOPS aims to support pharmaceutical manufacturing development from concept to qualification

Contact Us

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Industry Meeting

October 16-17, 2017

Agenda Booklet



C-SOPS
Center for Structured Organic Particulate Systems

Monday, October 16

- 8:30 AM [BSC MPR] **Registration**
- 9:00 AM [BSC MPR] **Mini-Course:** Introduction to Continuous Solid Dose Manufacturing- *“Material & Unit-Op Characterization, Model Development, Process Design, PAT and Control, Regulatory Considerations, and more”*
- 12:00 PM Lunch**
- 1:00 PM [BSC Center Hall] **Highlights of Continuous Manufacturing Activities**
- Extensions of Test Bed 1 – Direct Compression Continuous Manufacturing
 - Unit Op and Integrated Process Modelling
 - Sponsored Work – FDA
- 3:00 PM Coffee/Tea Networking Break**
- 3:30 PM [BSC Center Hall] **Regulatory science for oral film based products:**
FDA sponsored work
- 4:00 PM [BSC Center Hall] **Invited Speaker:** Xiaochuan “Ben” Yang, Office of Pharmaceutical Quality, CDER, FDA
“Regulatory Science Efforts on Supporting Advanced Manufacturing Technologies in Pharmaceutical Industry”
- 4:30PM [BSC Center Hall] **Highlights of Non-Research Based Activities**
- Regulatory Working Group
 - International Collaborations and Programming
 - Education and Training
- 5:15 PM [BSC International Lounge] **Poster Session and Reception.** Posters from sponsored work by Janssen, the FDA.; C-SOPS Collaborations with worldwide academic groups CMAC, SSPC, RCPE; C-SOPS Sponsored Projects as well as from top equipment vendors

Note:
BSC – Busch Campus Center
MPR – Multipurpose Room

Tuesday, October 17

- 8:30 AM [BSC MPR] **Registration**
- 9:00 AM [BSC MPR] **Welcome and Introduction** to The New Jersey Continuous Manufacturing Institute (NJCMI) – The Evolution of C-SOPS
- Chris Molloy, Rutgers SVP for Research and Economic Development
 - Don Sebastian, President and CEO of NJII
 - Fernando Muzzio, Director C-SOPS, Rutgers Distinguished Professor
 - Haro Hartounian, NJII
- 11:00 AM **Vendor Showcase**
- 12:30 PM Lunch**

Parallel Workshops

1:30 PM [BSC 116A]	Process Modelling <ul style="list-style-type: none"> • Marianthi Ierapetritou
1:30 PM [BSC 116B]	Material Characterization for Solid Dose <ul style="list-style-type: none"> • Fernando Muzzio
1:30 PM [BSC 116C]	Oral Strip Films <ul style="list-style-type: none"> • Raj Davé
1:30 PM [BSC 120A]	Continuous Bioprocessing <ul style="list-style-type: none"> • Haro Hartounian
1:30 PM [BSC 120B]	Sensing and Control <ul style="list-style-type: none"> • Rohit Ramachandran

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