PURDUE PROCESS SAFETY AND ASSURANCE CENTER (P2SAC)
AGENDA
PROCESS SAFETY AND THE PHARMACEUTICAL INDUSTRY

Tuesday, May 7, 2019 – WALC B058

7:30 – 8:00 Coffee, tea & pastries

8:00 – 8:15 Ray Mentzer (Visiting Professor of ChE and Executive Director of P2SAC): Welcome & agenda

8:15 – 8:45 Paul McKenzie (Executive Vice President, Biogen): Process Safety at Biogen & the Pharmaceutical Industry

8:45 – 9:15 Suresh Garimella (Executive Vice President for Research & Partnerships, Purdue): Discovery Park and Multi-Disciplinary Research at Purdue

9:15 – 9:45 Jeff Sperry (Pfizer): 2M Borane-THF Boiling Liquid Expanding Vapor Explosion (BLEVE)

9:45 – 10:15 Zoltan Nagy (Professor of ChE, Purdue): Upstream Challenges of Continuous Processing of Particulates

10:15 – 10:30 Break: Coffee & tea

10:30 – 11:00 Rex Reklaitis (Professor of ChE, Purdue): Downstream Challenges of Continuous Processing of Particulates

11:00 – 11:30 Ravi Shankar (Endress+Hauser): Pharma Process Safety - Instrumentation Assets: Health & Performance Monitoring

11:30 – 12:00 Ayman Allian (Amgen): Pharmaceutical Companies Working Together to Make Their Facilities and the World a Safer Place

12:00 – 1:00 Lunch @ Purdue Memorial Union (E & W Faculty Lounge)

1:00 – 1:25 Ray Mentzer (Visiting Professor of ChE and Executive Director of P2SAC): Pharma Related P2SAC Research

1:25 – 1:50 Carl Laird (Professor of ChE Purdue): Efficient Computational Methods for Safe Operation & Design of Detector Systems
1:50 – 2:15  **Stan Kolis** (Lilly): Use of Ab Initio Calculations for Assessment of Pharmaceutical Process Safety

2:15 – 2:40  **Carl Wassgren** (Professor of ME, Purdue): Powder Handling & Flow Assurance

2:40 – 2:55  Break: Coffee & soft drinks


3:20 – 3:40  **Sopuru Ezenwa** (Purdue, PhD student): Academic & Industrial Lab Safety Project

3:40 – 4:05  **Eric Munson** (Professor & Head of Industrial & Physical Pharmacy, Purdue): Formulation Challenges of Continuous Manufacturing of Particulates

4:05 – 4:30  **Li-Jen Ping** (Johnson Matthey): Managing Heat Accumulation @ Scale Using a Kinetic Model

4:30 – 4:55  **Brett Savoie** (Assistant Professor ChE, Purdue): Quantum Molecular Modeling to Extend Property Prediction Using Benson Groups and CHETAH


5:20  Ray Mentzer: Closing & follow up

6:30 -  Dinner @ Purdue Memorial Union (E & W Faculty Lounge)