



Central Florida Section
2019 Clearwater Convention

June 8th, 2019

Session 2

- 7:30 **Coffee, Juice, Pastries, Fruit**
- 7:55 **Welcome, Session Chair**
- 8:00 19.2.1 **Enhancing Phosphate Reactor Performance Through the Application of Advanced Modeling and Modern Impeller Technology**
Michael Preston, Lightnin Mixers
- 8:30 19.2.2 **Gypsum Stacking Technology – 2019 Update**
Ashraf Riad, pH.D. P.E. and Mohamad Al-Hawaree, P.E. P. Eng., with Dr. Nadim F. Fuleihan, Sc.D., P.E. (Posthumously), Ardaman and Associates
- 9:00 **Break**
- 9:15 19.2.3 **Purification of Fertilizer Grade Phosphoric Acid by Partial Precipitation**
Faustino Prado and Pavlina Nikolova, Prado and Associates
- 9:45 19.2.4 **The Umm Wu'al Phosphoric Acid Plants – A Success Story**
James Byrd, Worley and Tom Miller, Mosaic
- 10:15 19.2.5 **An Innovative Approach to Granulation Design**
Robert Tinsley, Hatch
- 10:45 **Break**
- 11:00 **End-of Year Remarks, “Engineer of the Year” Award
Presentation of the New Board**
- 11:30 19.2.6 **Optimizing Axial Flow Pumps in Evaporator Circuits**
David Krebs, Sulzer
- 12:00 19.2.7 **Next Generation Impeller Configuration to Address Phos Acid Reactor Foaming**
Todd Hutchinson, Philadelphia Mixers
- 12:30 19.2.8 **Improved Equipment Design for Phosphoric Acid Concentration Loops and Defluorination Systems**
Andre Boucaut, SGL Carbon