

October 13-14, 2015

NRG Center (formerly Reliant Center) Houston, TX

Complimentary Expo Admission provided by:



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Powder and Bulk Solids Texas is your local solutions headquarters for all things processing. Exhibitors will be displaying a full range of equipment, technology, information, and expertise needed for every phase of dry processing and bulk solids with the latest solutions to transport, analyze, weigh, batch, mix, grind, dry, and shape your product.

If you're an engineer working with powder and bulk solids in any field (food, plastics, biomass, mining, chemical, cement, glass, metals, pharma, etc.) then you know the importance of moving materials quickly, inexpensively, and safely. Many times, these materials lend themselves to poor flow, which can cause costly quality problems. And more importantly, many of these materials if not handled correctly can have explosive properties.

Top exhibitors will be onsite with solutions in the following areas:

- Pneumatic conveying
- Dust collection
- Combustible dust hazards and mitigation
- Materials handling and flow
- Silo and bin design
- OSHA/NFPA
- Bulk blending

Did You Know?

Powder and Bulk Solids Texas features the latest technology and services making exploring the robust multi-show exhibit floor a **MUST ATTEND** for manufacturers in all stages of their career. Just searching is not experiencing! Come engage all of your senses as you walk through the well-designed exhibit hall, featuring knowledgeable exhibitors with solutions you need to **EXPAND** your manufacturing success.

ONE REGISTRATION = ALL SEVEN SHOWS = WHAT A DEAL



See the latest in; 3D printing, CAD/CAM/CAE software, CMMs and DMMs, contract manufacturing, laser machines, rapid prototyping, R&D testing equipment and services



See the latest in; containers, contract services, custom automation equipment & components, machinery & machinery components, materials and package design and printing



See the latest in; automatic gaging equipment, calibration equipment & services, CMMs and DMMs, quality software



See the latest in; injection molding, blow molding, and extrusion machinery with the latest in horizontal, electric, vertical, and insert molding technology



See the latest in; custom automation and assembly, robotics, vision inspection systems, control software/hardware, sensors, motion control



Immerse yourself in an environment rich with exhibitors displaying the latest solutions in the aerospace and defense industries.

Powder and Bulk Solids Texas Conference Highlights

Spanning two (2) days and will include two (2) tracks with sessions for beginners focused on the fundamentals and advanced sessions providing educational content to help you solve your processing issues today.

Day 1 – Tuesday, October 13 th		
9:00 a.m.–10:00 a.m.	Keynote Panel Discussion: Industry Outlook—A Glimpse into the Future of Powder & Bulk Solids Timothy Bell, P.E., <i>Engineering Fellow, DuPont</i> Pankaj Gupta, PhD, <i>R&D Director, R&P, Transmission & Mining, The Dow Chemical Company</i> John Liffiton, <i>Principal Engineer, Kraft Foods</i> Bob Reed, VP, <i>Global Engineering, Kellogg Company</i>	
	Fundamentals	Advanced
10:00 a.m.–11:45 a.m.	Fundamentals of Bulk Material Handling and Flow Eric Maynard, <i>Senior Consultant/Director, Jenike & Johanson, Inc.</i>	Solving Operating Problems in Pneumatic Conveying Mark Jones, <i>Professor, The University of Newcastle</i>
11:45 a.m.–1:00 p.m.	Networking Lunch & visit to the Expo	
1:00 p.m.–2:30 p.m.	Pneumatic Conveying in the Room: System Design & Optimization Guidelines Jack Hilbert, <i>Principal Engineering Consultant, Pneumatic Conveying Consultants LLC</i>	Common Sense Approach to Combustible Dust Risk Reduction Dr.-Ing. Johannes Lottermann, <i>Global Sales Manager Explosion Safety Senior Consultant Explosion Safety, REMBE Inc.</i> Eric Finley, <i>Engineer, REMBE Inc.</i>
2:30 p.m.–4:00 p.m.	Testing to Assess Your Powder’s Fire & Explosion Hazards Vahid Ebadat, Ph.D., <i>Chief Technical Officer, Process Safety Solution Arena, Chief Executive Officer, Chilworth North America</i>	Hoppers and Silos: Troubleshooting Storage Problem-Areas Eric Maynard, <i>Senior Consultant/Director, Jenike & Johanson, Inc.</i>
Day 2 – Wednesday, October 14 th		
9:00 a.m. – 10:00 a.m.	Keynote Case Study: Lessons Learned from West, Texas Chemical Fire & Explosion Manuel “Manny” Ehrlich, <i>Board Member, U.S. Chemical Safety Board</i>	
	Fundamentals	Advanced
10:00 a.m.–11:45 a.m.	Standards Compliance: Breaking Down the Latest from OSHA and NFPA Dr. Ashok Dastidar, <i>VP, Dust & Flammability Testing and Consulting Services, Fauske & Associates</i>	Conveying Selection for Material Handling Success Eric Maynard, <i>Senior Consultant/Director, Jenike & Johanson, Inc.</i>
11:45 a.m.–1:00 p.m.	Networking Lunch & visit to the Expo	
1:00 p.m.–2:30 p.m.	Design Theory: Best Bets for Hoppers, Silos, and Feeders Joe Marinelli, <i>President, Solids Handling Technologies, Inc.</i>	Understanding & Using Discrete Element Modeling (DEM) for Material Flow Behavior Dr. Andres Orlando, <i>Project Engineer, Jenike & Johanson, Inc.</i>
2:30 p.m.–4:00 p.m.	Segregation of Particles & How to Control It Joe Marinelli, <i>President, Solids Handling Technologies, Inc.</i>	Bulk Blending and Effective Sampling

Plan today to EXPAND your horizons with complimentary show admission!
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