

IFPE 2020

Trade Show Season Kicks Off in March with Focus on Fluid Power and Power Transmission

Matthew Jaster, Senior Editor

If you've never attended IFPE and the co-located CONEXPO-CON/AGG at the Las Vegas Convention Center, prepare to be overstimulated by the sights and sounds of the construction, fluid power and power transmission industries. This show is BIG. So much so that the parking lots surrounding the convention center are repurposed as additional outdoor exhibit halls. Need a crane? Need hydraulics? Need pneumatics? Need an excuse to spend five days in Las Vegas? You've come to the right place!

IFPE is the leading international exposition and educational resource dedicated to the integration of fluid power with other technologies for power transmission and motion control applications. Held every three years, the next IFPE is set for March 10-14, 2020.

Who Should Attend?

The IFPE show attracts design engineers and other decision-makers from industries including off-highway vehicles (includes construction, mining, forestry, agriculture, lawn and garden, and airport support vehicles), fluid power/power transmission products, electrical machinery, instruments/controls, distribution, material handling (includes overhead/straddle cranes, industrial trucks, tractors and stackers), manufacturing/production automation/machine tools (includes chemical, petroleum, metal, plastics, and rubber processing), automotive/commercial vehicles (includes Class 8 trucks, vocational trucks, and trucks for other applications), engineering services, defense/aerospace, and amusement/entertainment technology.

IFPE exhibits showcase the latest technologies and innovations in equipment, products and services for

fluid power/motion control/power transmission. The show also features product-focused exhibit pavilions and international exhibit pavilions. IFPE is owned by the National Fluid Power Association (NFPA) and the Association of Equipment Manufacturers (AEM). AEM is show producer.

Educational Opportunities

"AEM and the National Fluid Power Association are proud to bring together a unique combination of engineers and

to mix and match sessions between both IFPE and CONEXPO-CON/AGG. Attendees will be able to pay one price and select education from both shows. Presenters for IFPE's education sessions come from across the United States from distinguished universities.

To add to the great education sessions and the over 400 exhibitors, in 2020 IFPE will be hosting for the first time a special networking reception for engineers and executives, right on the show floor. The IFPE's Fluid Power



executives at IFPE 2020, both in booths and in aisles, to share ideas, educate one another, and ultimately shape the future of the construction industry through collaboration and consensus," said John Rozum, director, ag events at AEM and IFPE show director.

For many attendees, part of the IFPE show experience includes participation in IFPE's education program, including college courses and timely sessions to help them stay on top of their game.

New this year, attendees will be able

Hour, presented by Bosch Rexroth, will be held on March 11th from 4 p.m. to 6 p.m. on the IFPE show floor. The event includes a bonus hour on the IFPE show floor, complimentary hors 'd oeuvres and cocktails and entertainment.

"We encourage all exhibitors to bring their top engineers and executives to take advantage of a great networking experience and interact with industry peers," said Rozum.

Attendees at the 2020 shows can take advantage of more than 180 education



sessions packed with timely information, developed with the guidance of leading industry groups, and delivered by industry experts.

“The line-up of programming is not only larger than it has ever been but includes a fresh line-up of speakers stacked side-by-side with core programming that is always highly attended,” said Eileen Dickson, vice president education, National Ready Mixed Concrete Association and CONEXPO-CON/AGG Education Committee chair.

CONEXPO-CON/AGG 2020 education tracks will offer the latest trends and best practices focused on: aggregates; asphalt; concrete; cranes, rigging & aerial lifts; earthmoving & site development; equipment management & maintenance; business management; and safety, plus technology solutions and attracting, engaging and retaining talent.

“The education committee took great care in putting together a program that grows attendee knowledge on building their business on all fronts, whether the technical skills needed in the field or best practices to build their business,” said Graham Brent, CEO of the NCCCO Foundation and CONEXPO-CON/AGG Education Committee vice chair.

CONEXPO-CON/AGG 2020 education includes:

- Driving New Innovation at Complacent Companies - James Benham, JB Knowledge
- Drones on Construction Sites for All Contractors - Ryan Murguia/Zach Pieper, Quantum Land Design
- Gain a Competitive Advantage Through Construction Technology - Tauhira Hoossainy, Milwaukee Tool
- How to Win the War for Talent - Gregg Schoppman, FMI
- Safety Training Ninja - Regina McMichael, The Learning Factory, Inc.
- Technology Trends: Lessons Learned - Helga Jacobsen, United Rentals
- Top 10 Reasons Why Construction Businesses Fail - Larry Kokklenberg, Center for Business Development

IFPE Education – Focused on Fluid Power

IFPE education is grouped in two tracks: Hydraulics & Pneumatics at Work and The Business of Fluid Power. Its popular College Courses return, and new is an IFPE Research Symposium.

The IFPE College Courses emphasize hands-on technical knowledge on the effective use of hydraulics in mobile equipment. Content includes Fundamentals of Hydraulic Systems; Electro Hydrostatic Actuation; Safety Hydraulics, Best Practices for Modern Machinery; Hydraulics in the Digital Age: Hydraulic Fluid Properties, Efficiency and Contamination Control; and Digital Design.

The IFPE Research Symposium is hosted by IFPE co-owner National Fluid Power Association (NFPA) and runs during lunch (11:30 am–12:30 pm) March 11–13. Sessions will showcase the latest fluid power research at U.S. universities being funded by the U.S. Department of Energy to improve energy efficiency of off-road vehicle hydraulic systems.

“We focused on developing education programs that offer attendees the latest ideas and innovations in fluid power technology, applications and research. Our classes and sessions deliver critical information for engineers and others involved in the design and manufacturing process,” said Eric Lanke, president/CEO, NFPA.

IFPE 2020 education includes:

- Additive Manufacturing - Vince Anewenter, Milwaukee School of Engineering
- Industry of the Future - Prasad Ganorkar, McKinsey & Company
- IoT – Sharing Data Across Customer Boundaries - Adam Livesay, Elevat
- Mobile Hydraulic Robotics - Autonomous Machines - Chris Woodard and John O’Neill, Danfoss
- Workforce Development - Lynn Beyer, NFPA

More to Come

IFPE booth previews, product spotlights and new technologies will continue to be a part of *PTE’s* online editorial coverage in the coming months. Come back early and often to see what’s new in power transmission and motion control for the fluid power and construction industries. **PTE**

For more information:

IFPE 2020
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