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PRESS RELEASE

10th IFK 2016– Call for Papers

Dresden, March 6, 2015

The organizers of the 10th IFK call for scientific contributions.

The 10th International Conference on Fluid Power (10th IFK) takes place in Dresden from March 8th to March 10th, 2016, and celebrates its 10th jubilee. As one of the world's most renowned conferences in the field of hydraulic and pneumatic drive and control systems, the IFK has been established as a central platform of communication for the experts in Europe. It provides users, manufacturers, and scientists on an international level with the opportunity to present innovations, and to discuss development trends.

The slogan of the 10th IFK is “Smart Fluid Power”, which puts the focus of the conference on one of the major trends of the industry: The variety of control strategies as well as interfaces for condition monitoring opens unlimited resources for integration of fluid-mechatronic systems into smart networks. Fluid power systems offer automatic start-up capabilities, and transfer information on their operating status as well as the status of associated systems, facilities, and machines according to the megatrend “Industry 4.0”. Developing smart system structures allows for decentralized systems that are cost efficient and meet the specified requirements.

The symposium on the first day is dedicated to presentations focused on methodology and fundamental research. The two following conference days offer a comprehensive overview about the latest state-of-the-art in fluid power that is application and technology oriented. This combination makes the IFK a unique platform for the exchange between fundamental academic research and the industrial experience of application. An exhibition taking place simultaneously to the conference provides the opportunity of gathering information about products directly, and to network with tomorrow's manufacturers, researchers, and users. Subsequently to the conference, excursions to companies and technological sights in the area will be offered.

The IFK thrives on interesting and high-quality scientific contributions. All prospects, who would like to present their latest scientific papers to a broad audience, are cordially invited to contribute to the 10th IFK. Please hand in your abstracts online at



www.ifk2016.com/submitpaper in either German or English by **May 31, 2015** the latest. On the mentioned website can find templates to use for creating your abstracts. The abstract should clearly state the technical innovation.

The IFK is dedicated to application oriented topics on industrial hydraulics, mobile hydraulics, and pneumatics. Detailed views on hydraulic and pneumatic components, actuators and sensors as well as fundamentals of fluid power will be presented. Under the umbrella term of intelligent systems, we will bring light into the aspects of system integration and safety, control of fluid power structures as well as energy, thermal analyses, environment and process. The mentioned range of topics shall stimulate an interesting or even unusual scientific contribution.

The IFK team around Professor Jürgen Weber is looking forward to many interesting contributions for the 10th IFK 2016 in Dresden.