

INVITATION AND CALL FOR PAPERS



9th WORKSHOP ON DIGITAL FLUID POWER (DFP17)

September 7-8, 2017
Aalborg, Denmark

INVITATION

The 9th international workshop on Digital Fluid Power, DPF17 will take place in Aalborg, Denmark, September 7-8, 2017. In the previous years it has taken place in either Tampere, Finland or in Linz, Austria. Digital fluid power has been a highly prioritised research topic at Aalborg University for the last ten years. We are therefore honoured to host this event and pleased to invite you to participate in bringing both academia and industry partners together; joining the latest research knowledge, stimulating discussions and exchange of experiences on digital fluid power.

We are furthermore pleased to announce a list of prominent keynote speakers presenting the latest perspective on digital fluid power in both industry and academia:

- *7MW Wind Turbine with Digital Displacement Transmission* by Deputy CTO Ryuji Iwamoto, MHI Vestas Offshore Wind
- *Servo Hydraulic Actuators as Part of a Connected Hydraulics Initiative* by Director Helmut Fischer, Sales Energy, Transport & Test, Bosch Rexroth AG
- *Digital Fluid Power for Exoskeleton Actuation – Guidelines, Opportunities, Challenges* by Prof. Rudolf Scheidl, Head of the institute Machine Design and Hydraulic Drives, Johannes Kepler Universität
- *Recent Advances in Digital Hydraulic Components and Applications* by Dr. Bernd Winkler, Business Area Manager Drives, Linz Center of Mechatronics

IMPORTANT DATES

- Conference: Sept. 7–8, 2017
- Submission of Abstracts: May 20, 2017
- Notification of Acceptance: June 1, 2017
- Final Papers: August 1, 2017

TOPICS

Topics for the workshop include:

- Digital hydraulics and pneumatics
- Switching technologies
- Digital displacement concepts
- Digital drives
- Digital valves and control electronics
- Control methods
- New concepts and applications

ABSTRACTS

Authors are invited to submit titles and abstracts of proposed papers for the DFP17 by May 20th, 2017. Abstracts of no more than 500 words should state the purpose, results and conclusion of the proposed paper. Supporting figures and preliminary results may be included. The abstracts should be submitted via the conference homepage or by email to: bos@et.aau.dk.

REGISTRATION & FURTHER INFORMATION

The registration fee is Euro 350, which covers workshop proceedings, lunch, refreshments and a dinner on the 7th of September. Further information will be available at the conference website (available by May 1st):

www.et.aau.dk/dfp17

We look forward to seeing you in Aalborg in September