



The 24th International Conference on Hydraulics and Pneumatics

Call for Papers

September 12 – September 14, 2018, Prague, Czech Republic

organized by

Czech Mechanical Engineering Society
section Czech Association for Hydraulics and Pneumatics
(www.cahp.cz)

Dept. of Control Systems and Instrumentation
Faculty of Mechanical Engineering
VSB - Technical University of Ostrava
(www.352.vsb.cz)

Medial Partner MM Industrial Spectrum

<http://ichp.vsb.cz/>

We are pleased to invite you to the **24th International Conference on Hydraulics and Pneumatics** which will be held on **September 12 – September 14, 2018 in Prague 1, Novotného lavka 5.**

We are looking forward to see you in the capital of Czech Republic.

Petr Noskievič and Radim Olšovský
on behalf of Scientific and Organizing Committees

The objective

The objective of the conference is to provide an opportunity to exchange high quality, recent information on development, design and research in the field of hydraulics and pneumatics. The conference aims to bring industrial engineers together with researchers in fluid power and to present news from research and interesting industrial applications of the fluid power systems (FPS).

The main topics of the conference are as follows:

- Hydraulic components and systems
- Hydraulic drives, hybrid drives
- Application of hydraulic drives in machines, mobile equipments, stage technology
- Pneumatic components and systems
- Pneumatic drives and their applications
- Electronics and fluid power systems, control of hydraulic and pneumatic drives
- Fluid power systems in mechatronics, robotics
- Modelling and simulation of fluid power systems
- Noise, vibrations, diagnosis of fluid power systems
- University and professional education

Call for Papers

Authors are invited to submit abstracts of 500 words clearly stating the objectives, results and conclusion of the work to be discussed in the presentation.

Each abstract should include author(s) affiliation, address, telephone number, e-mail address, (maybe fax number too) and if available website address.

Short biography of each author (50-100 words) should accompany the abstract.

Registration of your paper or your participation at the conference can be realised using web site of the Conference <http://ichp.vsb.cz>

The paper will be published in the conference proceedings before the conference. Selected papers based on the recommendation of the conference committee will be published in the MM Science Journal, which is registered in the Scopus.

Conference languages: English, Czech, Slovak

Simultaneous translating service will be available for participants.

Papers should be written in English.

Exhibition

It is intended to have a fluid power components exhibition/demonstration at the conference. See web site for more information and contact the Czech Mechanical Engineering Society on e-mail address: strojpol@csvts.cz

Publication of papers

Full papers will be published in the proceeding before the conference.

Deadlines – papers

- | | |
|-------------------------|---|
| March 31st, 2018 | - Submission of abstracts |
| May 15th, 2018 | - Notification of abstracts acceptance |
| June 18th, 2018 | - Submission of the full papers final version |

Conference fee 380 EUR if payed till June 30th, 2018
430 EUR later

There is discount 25% for the second and each next participant from the same company, university, research institution.

Conference fee includes participation in the workshop, conference proceedings, welcome party and refreshments during the conference.

Accompanying Programme

Accompanying persons program will be available. More information will be included in the final programme after summarizing the application forms.

Interested persons are requested to apply for the accompanying programme separately, the price is not included in the conference fee.

Scientific Committee

Assoc. Prof. Dr. Sylva Drábková, VSB - Technical University of Ostrava, Czech Republic

Prof. Seung Ho Cho, Ph.D., HONG IK University, Seoul, Korea

Prof. Heikki Handroos, Lappeenranta University of Technology, Finland

Ing. Miroslav Chmatil, Danfoss Power Solutions, a.s., Slovakia

Prof. Monika Ivantysynova, Purdue University, West Lafayette, USA

Prof. RNDr. Milada Kozubková, CSc., VSB - Technical University of Ostrava, Czech Rep.

Prof. Jean Charles Mare, INSA Toulouse, France

Assoc. Prof. Dr. Miroslav Malý, Technical University of Liberec, Czech Republic

Prof. RNDr. Ing. Josef Nevrlý, CSc., University of Technology Brno, Czech Republic

Prof. Takao Nishiumi, National Defence Academy, Japan

Prof. Dr. Ing. Petr Noskivič, Chairman, VSB - Technical University of Ostrava,
Czech Rep.

Dr. Ing. Radim Olšovský MBA, Parker Hannifin, Prague, Czech Republic

Doc. Dr. Karol Prikkel, Slovak University of Technology in Bratislava, Slovakia

Dr.-Ing. Robert Rahmfeld, Danfoss Power Solutions GmbH & Co.OHG, Neumünster,
Germany

Prof. Rudolf Scheidl, Johannes Kepler University, Linz, Austria

Prof. Andrzej Sobczyk, Cracow University of Technology, Poland
Prof. Jaroslaw Stryczek, Wroclaw University of Technology, Poland
Prof. Yutaka Tanaka, Hosei University, Tokyo, Japan
Dr. Ing. František Veselý, FMV-DESIGN s.r.o. Czech Republic

Organizing committee

Dr. Ing. Radim Olšovský MBA– Chairman, Parker Hannifin, Prague, Czech Republic
Dr. Ing. Přemysl Malý, CSc., Czech Republic
Dr. Ing. František Veselý, FMV – DESIGN, Czech Republic
Prof. Dr. Ing. Petr Noskievič, VŠB -Technical University of Ostrava, Czech Rep.
Ing. Vladimír Perník, JIHOSTROJ a.s., Velesin, Czech Rep.
Dr. Ing. Pavel Smutný, VSB - Technical University of Ostrava, Czech Rep.
Hana Valentová, Czech Mechanical Engineering Society, Prague
Hana Kropíková, JASTA Travel Agency, Prague, Czech Republic

Further Information

Further informations about the Conference will be given in the final programme at the later date. If you have any questions, please, look at the conference web site <http://ichp.vsb.cz>;

or contact:

Prof. Dr. Ing. Petr Noskievič
Department of Control Systems and Instrumentation,
Faculty of Mechanical Engineering
VŠB - Technical University of Ostrava
17. listopadu 15, 708 33 Ostrava - Poruba,
Czech Republic
e-mail: ichp2018@vsb.cz
(regarding the papers)

JASTA Travel Agency
Mrs. Kropíková Hana,
Chudenická 1086/22, 102 00 Prague, Czech Republic
Mobile: +420 602 322 900
Tel. + Fax: +420 267 913 943
E-mail: hkropikova@telecom.cz
<http://www.jasta.cz>
(regarding the registration, accommodation, etc.)