

The 10th JFPS International Symposium on Fluid Power

FUKUOKA2017**Oct.24 (Tue.) - 27 (Fri.), 2017****Innovation of fluid power for the future****Organizer** The Japan Fluid Power System Society
<http://www.jfps.jp/>**Venues** ACROS Fukuoka and Fukuoka Institute of Technology
<http://www.acros.or.jp/english/> <http://www.fit.ac.jp/en/>**Dear Colleagues**

The Japan Fluid Power System Society (JFPS) invites you to the 10th JFPS International Symposium on Fluid Power, Fukuoka 2017. The first symposium was held at Tokyo Institute of Technology, 1989. Since then, every three years, the JFPS International Symposia on Fluid Power have been held. The coming symposium will be the 10th anniversary. The memorial symposium will be held in Fukuoka during October 24-27, 2017. The symposium venue will be ACROS Fukuoka and Fukuoka Institute of Technology, which locate in a short distance from the Fukuoka International Airport. On 24th Oct., we are looking forward to seeing you at the welcome party after registration. During the following three days, academic sessions and social events will be planned. The main theme is "Innovation of Fluid Power for the Future". The symposium will address current research trends on oil-hydraulics, pneumatics, water hydraulics, and functional fluids. Organized and poster sessions will provide a valuable forum of exchanging ideas and opinions with fluid power friends coming from all over the world. State-of-the-art exhibition of fluid power will emphasize industrial applications. Fukuoka City is the gate city opened to the world, and famous for delicious fresh food. A large amount of foreign tourists are visiting the Fukuoka City every year. We are looking forward to seeing you in Fukuoka in 2017.

*Kazushi Sanada*General Chairperson : **Kazushi SANADA**
Yokohama National University

提供：福岡市

Call for Papers

Prospective authors for technical sessions should first submit an abstract for consideration. The prescribed format for the abstract will be shown in the 10th JFPS International Symposium website. All abstracts must be submitted by 15 January 2017.

Initial screening of papers will be carried out based on the content and merit of abstracts. We would also like to invite our colleagues new to these fields to participate in this symposium as well. Each paper accepted by the symposium will be stored in a digital archive. The best papers will be selected for publications in the JFPS International Journal of Fluid Power System (<https://www.jstage.jst.go.jp/browse/jfpsij>).

Key Dates

Deadline of abstract submission: January 15, 2017
 Notification of abstract acceptance: March 31, 2017
 Deadline of paper submission: June 1, 2017
 Notification of final paper acceptance: July 31, 2017
 Early registration on or before: August 31, 2017

Abstract Submission

Abstract submission will be possible from the symposium web site (<http://www.jfps.jp/net/10thjfps/>). For any problem or questions regarding abstracts submission, please contact Paper Submission Office.

Author Participation

The organizing committee requires the authors to attend and present their own paper at the symposium.

Event Schedule (Tentative)

Oct. 24th	PM	Registration & Welcome party
Oct. 25th	AM	Opening ceremony and Invited lectures
	PM	Sessions, Exhibition
Oct. 26th	AM	Sessions, Exhibition
	PM	Sessions, Exhibition, Street party
Oct. 27th	AM	Technical tour
	PM	Special lectures, Closing, Banquet

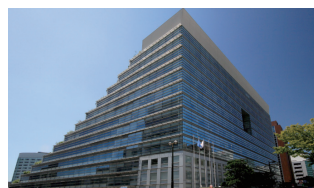
Social events are free.

Venues**ACROS Fukuoka**

1-1-1 Tenjin, Chuo-ku, Fukuoka City,
 Fukuoka Prefecture, Japan
<http://www.acros.or.jp/english/>

Fukuoka Institute of Technology

3-30-1 Wajiro-higashi Higashi-ku, Fukuoka City,
 Fukuoka Prefecture,
 Japan
<http://www.fit.ac.jp/en/>



■ ACROS Fukuoka



■ Fukuoka Institute of Technology

24th-26th
 Oct.

27th
 Oct.

Registration Fees

Category	Pre-registration	After Pre-registration
Presenter	¥ 70,000-	Pre-registration only
Presenter (Student)	¥ 45,000-	Pre-registration only
Co-author, Chair, Participant	¥ 70,000-	¥ 85,000-
Student	¥ 50,000-	¥ 65,000-
Accompanying person	¥ 10,000-	¥ 10,000-

Topics

The organizing committee of the 10th JFPS International Symposium is soliciting participants for oral and poster presentations in sessions on topics of fluid power system based on Oil hydraulics, Pneumatics, Water hydraulics, and Functional Fluids. Topics of interest for the symposium include, but are not limited to;

- Energy saving
- Medical and welfare equipment
- Robotics and mechatronics
- Tribology, seals, and contamination control
- Basic theory and technologies
- Components and systems
- Application of control theory
- Simulations and CAE
- Human-machine system
- Information technology in fluid power systems
- Micro/nano machines
- Noise and vibration
- Construction, mining, and agriculture
- Automobile
- Injection molding and manufacturing machine
- Aeronautics, space, and marine

The organizing committee is also planning the following organized sessions;

- Innovation of fluid power for the future
- Robotics for extreme environment
- Aqua drive systems
- Standardization on fluid power systems

and so on. Further details of the organized sessions will be available in the 10th JFPS International Symposium website.

Awards

During the symposium, the organizing committee of The 10th JFPS International Symposium on Fluid Power 2017 will give awards for Best Student Paper and Best Paper for their pioneering work in the fields of Fluid Power. The committee hopes the authors will apply for the awards.

Exhibition

At the state-of-the-art exhibition, manufacturers and dealers will present their own products in current and new technology in fluid power system or component, simulation software, and advanced measuring equipment.

Secretariat

The 10th JFPS International Symposium Fukuoka 2017
 E-mail : fukuoka2017@jfps.or.jp