



Global Fluid Power Society

---

# ***Global Fluid Power Society (GFPS)*** *meeting*

June 1st, 2023

---

# Agenda

1. GFPS board
2. GFPS in conferences and GFPS awards
3. GFPS PhD Symposium: 2022 and 2024
4. International Journal of Fluid Power
5. GFPS financial status
6. Open discussion - Other topics

Publication strategy for  
GFPS community

# Current Board of Directors (BoB)

(June 2022 – May 2026)



**Jürgen Weber (Chair)**

*Technische Universität Dresden, Germany*



**Andrea Vacca (Secretary and Treasurer)**

*International Journal of Fluid Power Editor in Chief  
Purdue University, USA*



**Emma Frosina**

*Universita' del Sannio, Italy*



**Victor De Negri**

*Univ. of Santa Caterina, Florianopolis, Brazil*



**Bing Xu**

*Zhejiang University, China*

# Board of Directors

Current BoB discussed following structure for GFPS governance for years 2022 - 2026.

- Each director takes one of the roles below

## Chair

- Formal representation of GFPS
- Coordination of BoB meetings



## Public Relations

- Website updates
- Communication to Participants
- Retention and recruitment of new participants



## GFPS Symposium

- Guide local organizers
- Ensure paper publishing
- Assist with paper review



## International Journal of Fluid Power (IJFP)

- Role of the Editor in Chief
- Committee formed by the Editorial Board and associate editors
- Special issues
- Strategies for improving journal website and promotion



## Award

- GFPS best paper award
- Nomination to external awards
- Creation of new awards?



- Except for the IJFP, roles will be determined after the new BoB is formed
- Each director can establish a committees of GFPS members to help with his functions
- Each director/committee will report to the BoB twice a year 6 months
- Board of Director will report to the General Assembly at least once a year

# GFPS in conferences

ICFP 2017 (thanks to Huayong Yang and Songjing Li)

SICFP 2017 (thanks to Petter Krus)

JFPS 2017 (thanks to Kazushi Sanada)

ASME – Bath FPMC 2017 (thanks to Andrea Vacca and Monika Ivantysynova)

IFK2018 (thanks to Hubertus Murrenhoff), 2 awards!

**GFPS 2018 - **BACKE' MEDAL**** (thanks to Victor Sverbilov)

ASME – Bath FPMC 2018 (thanks to Andrew Plummer, Nigel Johnston)

FPM 2019 (thanks to Huayong Yang)

SICFP 2019 (thanks to K. Huhtala)

FPMC 2019 (thanks to J. Van de Ven)

FPMC 2020 (thanks to Andrew Plummer, Nigel Johnston)

DVM 2020 (thanks to Victor Sverbilow)

IFK 2020 (thanks to Jürgen Weber)

**GFPS 2020 - **BACKE' MEDAL**** (thanks to Songjing Li)

JFPS 2020 (thanks to Hideyuki Tsukagoshi)

ICFP 2021 (thanks to Huayong Yang and Feng Wang)

ASME – FPMC 2021 (thanks to Perry Li, Nigel Johnston)

IFK 2022 (thanks to Katharina Schmitz)

Bath ASME 2022 (thanks to Nigel Johnston)

**GFPS 2022 - **BACKE' MEDAL**** (thanks to Emma Frosina and Adolfo Senatore)

SICFP 2023 (thanks to Tatiana Minav)

FPM2023 (thanks to Songjing Li)

**Note:**

GFPS participation to conferences always to be approved by the Board of Directors

# 2022 GFPS PhD Symposium

- 150 participants
- 61 presentations
- Industry panels
- 3 plenary lectures



IEEE discussion [Emma]

# International Journal of Fluid Power

The screenshot shows the homepage of the International Journal of Fluid Power. The page has a yellow header with the journal title and navigation links. The main content area is white and contains several sections: a breadcrumb trail, a paragraph about the journal's history and focus, a list of topics of interest, and a list of submission topics. On the right side, there is a sidebar with information about the 12th International Fluid Power Conference (IFK) and the 11th IFPS International Symposium on Fluid Power HAKODATE 2020. Below this, there are ISSN numbers for the online and print versions, a cover image of the journal, and links for submission and subscription.

Home / About the Journal

The International Journal of Fluid Power was established in 2000 as the first scientific journal fully dedicated to fluid power technology in English language. The journal provides essential reading for engineers and academics interested in advances in modern fluid power (FP) technology. Fluid power refers to the discipline that involves the use of fluids to perform mechanical actuations. It is a well-established and independent discipline which has a defined research area and scholarly activities since at least seven decades. The educational and research activities related to the FP discipline serve a large and widespread industry reaching from agriculture, construction, transportation, aerospace, marine, manufacturing and entertainment industries.

The journal promotes and emphasizes fluid power technology as an independent and distinct field of engineering. In addition to promoting high-quality articles on research and development, the journal also promotes international fluid power conferences, workshops, and exhibitions taking place around the world sponsored by the Global Fluid Power Society (GFPS). All the published papers are peer reviewed by at least two leading experts of the fluid power community to ensure both technical quality and integrity.

Topics of interest for the journal include all areas of fluid power technology, including:

- New design solutions for hydrostatic pumps and motors
- Hydrostatic and hydraulic hybrid transmissions
- New approaches for the analysis, modeling and design of hydraulic and pneumatic components
- Control design methodologies and techniques for fluid power systems
- Reduction of oscillations and vibrations of fluid power machines
- New system configurations to reduce fuel consumption and increase productivity of fluid power machines
- Safety, reliability, fault analysis, diagnosis and prognostic of fluid power systems
- Digital and switched fluid power systems
- Noise and vibration of fluid power components
- Human scale applications of fluid power technology
- Water hydraulics
- Applications of fluid power in the field of renewable energy
- Fluid power in manufacturing
- Fluid power teleoperation and haptics
- Fluid power in mobile and industrial robots
- Environmental aspects of fluid power
- Smart fluids and materials for fluid power systems

We are looking forward to receiving your submissions.

The 12th International Fluid Power Conference (IFK) will be held in Dresden on ~~March 9-11, 2020~~ October 12-14, 2020 <https://ifk2020.com/>.

The 11th IFPS International Symposium on Fluid Power HAKODATE 2020 has now been postponed to October 2021 <http://www.ifps.jp/net/11thifps/>

ISSN:2332-1180 (Online Version)  
ISSN:1439-9776 (Print Version)

International Journal of Fluid Power  
Volume 20 - Number 1 - April 2019

Submission

Subscription

Subscription  
Login to access subscriber-only resources.

- River Publishers since 2019
- Scopus, Emerging source citation index
- Scimago Q2 down to Q4 (clarifications asked)
- News IF: starting June 2023
- >20 papers in 2022
- About 50% rejection rate

# International Journal of Fluid Power

## Recent Initiatives

- **Promotion.** Fliers at conferences. Interviews to Editorial Board members  
<https://www.youtube.com/watch?v= M0swcSv KE>

Best paper award (once a year)

2021: *“A Digital Displacement Hydrostatic Wind-turbine Transmission”*  
by W. Rampen et al.

2022: *“A Piezo-Electric Valve Actuator for Hydraulic Exoskeleton Drives”*  
by P. Albecht-Zagar and R. Scheidl

- **Special issue.** Propose to have a special issue for every GFPS sponsored event.

How it works:

- local conference chair to be the Guest Editor
- 5-7 papers to be identified from the conference  
papers selected for the GFPS best paper award is a possible option. Other criteria can be accepted.  
Important to have good reviews
- authors to be invited to submit an extended version (20%-30% difference). This solves copyright issues. Paper title can remain unchanged.

SICFP2023  
GFPS2022  
ICFPMCE2022  
IFK 2022  
SICFP2021  
ICFP2021  
NSHP 2020  
GFPS 2020



# International Journal of Fluid Power

## New Initiatives

- **Open access journal.** Starting 2023 the IJFP will be online
  - EUR 600 publication fee
  - EUR 300 for GFPS participating institutions
  - EUR 150 for papers in the IJFP special issues

covered by IJFP dues
- **Strategies to further lower open access fees.**
  - Industry sponsorship for IJFP issues
- **Enforce citing IJFP on paper submission.**
  - to authors: 2/3 citations to IJFP papers “to ensure topic relevance”  
authors can justify why no IJFP references are provided
  - to Associate Editors: check flag added to the review online tool

# International Journal of Fluid Power

## New Initiatives

- **Fluid Power Series.** Scopus indexed collection of conference proceedings. Same publisher as IJFP

- **IFK conference.** Juergen Weber, Katharina Schmitz
- **Maha conference.** Andrea Vacca

More to add ?

# GFPS publication discussion

Watch for predatory journals

<https://beallslist.net/>

(not up to date)

**BEALL'S LIST**

OF POTENTIAL PREDATORY JOURNALS AND PUBLISHERS

<https://predatoryreports.org/>

**Predatory  
Reports**

# **GFPS financial status**

Current available **\$ 23,586**

**May 2022 – May 2023 expenses:**

\$ 500 (+ bank fee) x 3 paper awards

\$ 150 2022 tax declarations

\$ 300 web domain

anticipated: \$1,500 webmaster