



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

## ***Advisory Board meeting***

webmeeting, March 2nd, 2017

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PLEASE MUTE YOUR MICROPHONE DURING THE MEETING,  
UN-MUTE IT ONLY WHEN YOU WANT TO TALK

In attendance:

H. Murrenhoff, IFAS, Germany  
A. Vacca, Purdue, USA  
A. Plummer, U. of Bath, UK  
M. Ivantysynova, Purdue, USA  
S. Li, HIT, China  
M. Rundo, Tech. Un. of Turin, Italy  
M. Banas, WUT, Poland  
R. Schiedl, J. Kepler Univ., Austria  
H. Handroos, LUT, Finland  
K. Stelson, U of Minnesota, USA  
K. Huhtala, TUT Finland  
V. Sverbilov, Samara U., Russia  
E. Bideaux, Insa Lion, France  
V. De Negri, Laship, Brazil  
J-C. Mare, Insa Toulouse, France  
T. Wiens, U of Saskatchewan, Canada  
Y. Liu, SCUT, China  
A. Senatore, U of Naples, Italy

# Agenda

1. Summary of current participants
2. VDMA – FFF – A model for fluid power industry organizations
3. GFPS in conferences
5. GFPS awards
4. GFPS website
6. Election of the Board
7. Other topics

# Current Participants

## Academic Institutions

43 invited

28 confirmed participants  
(1 small participant)

9 most likely to join  
5 unknown

- participant
- likely to become participant
- no answer yet

## Organizations

ASME – FPST  
VDMA - FFF

#	Institution	Country	contact person
1	Maha Fluid Power	USA	Andrea Vacca
2	IFAS - Aachen	Germany	Hubertus Murrenhoff
3	Laboratoire Ampere - INSA Lyon	France	Eric Bideaux
4	University of Minnesota CCEFP	USA	Kim Stelson
5	University of Parma	Italy	Paolo Casoli
6	University of Missouri	USA	Manring, Noah D.
7	Harbin Inst of Technology	China	Songjing Li
8	University of Bath	UK	Andrew Plummer
9	Univ of Saskatchewan	Canada	Trevis Wiens
10	Technical Univ of Technology IFD Dresden	Germany	Jurgen Weber
11	University of Naples	Italy	Adolfo Senatore
12	Yanshan University	China	Xiangdong Kong
13	Yokohama National University	Japan	Kazushi Sanada
14	Beijing Institute of Technology	China	Junjie Zhou
15	Zhejiang University	China	Huayong YANG
16	IMAMOTER	Italy	Max Ruggeri
17	National Aerospace Defence Academy	Japan	Takao Nishiumi
18	University of Manitoba	Canada	Nariman Sepehri
19	Samara State Aerospace Univ	Russian Federation	Victor Sverbilov
20	Technical Univ of Turin	Italy	Massimo Rundo
21	Ulsan University	South Korea	Kyoung Kwan Ahn
22	Tampere Univ of Technology	Finland	Kalevi Huhtala
23	Vanderbilt University	USA	Eric Barth
24	Georgia Tech	USA	Ken Cunefare
25	Wroclaw Univ of Technology	Poland	Jaroslav Stryczek
26	Lappeenranta Univ of Technology	Finland	Heikki Handroos
27	University of Modena and Reggio Emilia	Italy	Massimo Milani
28	University of Modena and Reggio Emilia	Italy	Massimo Borghi
29	J. Kepler Univ Linz	Austria	Rudolf Scheidl
30	American univ of Lebanon	Lebanon	Matthias Liermann
31	Karlsruher Inst of Technology KIT	Germany	Marcus Geimer
32	Univ of Santa Catarina - Florianopolis	Brazil	Victor De Negri
33	Cracow University of Technology	Poland	Andrzej Sobczyk
34	South China Univ of Technology	China	Yajun Liu
35	Tech Univ Braunschweig	Germany	Ludger Frerichs
36	Indian Inst of Tech Kuantpur	India	Rathindranath Maiti
37	Linköping Univ of Tech	Sweden	Petter Krus
38	Universitat Politècnica de Catalunya	Spain	Esteban Codina
39	Beihang University	China	Zongxia Jiao
40	Huazhong University of Science and technology	China	Baoren Li
41	Shanghai Jiaotong University	China	Guanglin Shi
42	INSA Toulouse	France	Jean Charles Mare
43	Institute of Technische Universität Darmstadt	Germany	Christian Schänzle

# Current Participants

## Fluid Power Organizations



*more organizations are expected to join*

## Fluid Power Companies

*numerous companies expressed interest  
recruiting campaign soon to start*

## **GFPS – VDMA**

### **A possible participation model for all Fluid Power Organizations**

VDMA joined the Global Fluid Power Society with the “Forschungsfonds Fluidtechnik (FFF) – Fluid Power Research Fund”

The annual fee agreed for VDA-FFF is \$ 500 as set for organizational participants.

VDMA FFF has full membership rights - as stated on GFPS home page ([www.gfpsweb.org](http://www.gfpsweb.org)).

VDMA FFF has right to nominate a member of the advisory board.

VDMA FFF appears in the GFPS website in the list of participants, with organization logo and brief description of the organization.

VDMA FFF has log in credential to access the GFPS website. VDMA FFF can distribute the GFSP log in credentials only to VDMA FFF company members.

As an additional benefit, the VDMA FFF member companies will obtain a 50% discount (\$250) in case they decide to become full GFPS participant. This will offer them:

- a) the possibility of posting job offer at no additional cost;
- b) appear in the GFPS website with the company logo in the list of participants.
- c) optional participation in the advisory committee, upon approval of the Board;

## **GFPS in conferences**

ICFP 2017 (thanks to Prof. Huayong Yang and Prof Songjing Li)  
GFPS should appear on the conference website as well  
as on the conference material  
possible best paper award

SICFP 2017 (thanks to Prof. Petter Krus)  
already on the website  
best paper award

JFPS 2017 (thanks to K. Sanada)  
already on the website  
possible best paper award

ASME – Bath FPMC 2017  
soon to appear on the website  
best paper award

**Note:**

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

## GFPS awards

Best paper award is one of the best ways to use GFPS \$

- increases the number of awards available in fluid power field
- gives visibility to GFPS

### **Procedure for GFPS best paper award**

- The local organizer selects the papers candidate for the award (5-10 papers)
- These papers are sent to the Secretary of the Board
- The board nominates judges (GFPS participants) among conference delegates
- The judges review the papers, attend the presentations and decide the winner
- The best paper is then communicated to the Board who ratifies
- If possible, the winner is announced at the conference concluding session, or afterwards on the GFPS website
- The website will have a dedicated page for all the GFPS award

### **Type of award**

- Monetary prize: 500 USD (*might change in future*)
- Certificate
- Backe Medal → Given only at the GFPS PhD Symposium

### **Requirements:**

- The event needs to be GFPS-sponsored
- The award at the conference needs to be approved by the Board of Directors



## **GFPS website**

Revised Statute (work in progress to reflect latest updates)

Advisory Board

Research highlights

Job posting section (to be added)


Conference proceedings

**Power Transmission and Motion Control (PTMC) 2005/2006/2007**

**GFPS Advisory Board meeting**  
**Thursday, March 2nd 2017**

# GFPS website

## Linkedin



**Global Fluid Power Society**  
Mechanical or Industrial Engineering • 10,001+ employees  
[See jobs](#) [Following](#) 10 followers

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### About us

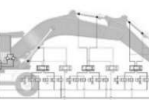
Global Fluid Power Society (GFPS) is a worldwide community of institutes for networking in the area of fluid power and fluid techniques. GFPS's general objectives are to:

- Bring people of the fluid power community "together"
- Provide information about fluid power developments and publications
- Strengthen the standing of fluid power and fluid techniques in industry and academia
- Promote fluid power and fluid techniques as scientific/technical discipline
- Promote collaborative projects and provide information about expertise in the field of fluid power technology
- Promote the exchange of students and researchers among fluid power institutions

GFPS publishes the International Journal of Fluid Power and provides literature information on Fluid Power. An important aspect of GFPS is technology transfer via Workshops, Conferences, and Forums.


The Global Fluid Power Society operates as a Non-Profit Corporation, registered in the United States (State of Indiana).

### Recent update




Check out our research highlights! This month: STEA...  
[see more](#)


### Ads You May Be Interested In



ACUTY Advanced Care  
Learn about ACUTY's automation features for Population Health Management.




3 Year Warranty Gearboxes  
For food & bev line production. Durability in the harshest of environments




SIMATIC PCS 7  
Reduce risks in operations and improve safety


### Similar companies



Julia S.R.L.  
Computer Software  
2-10 employees



Convergent Science  
Computer Software  
51-200 employees



Koch-Glitsch  
Oil & Energy  
1,001-5,000 employees



**Global Fluid Power Society**  
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Check out our research highlights! This month: STEAM – Hydraulic Hybrid Architecture for Excavators



**STEAM – Hydraulic Hybrid Architecture for Excavators**  
[gfpsweb.org](http://gfpsweb.org)

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# GFPS website

## Facebook

### Posts



#### Global Fluid Power Society

January 19 · 🌐

The Global Fluid Power Society is pleased to welcome the members:

- Laboratoire Ampère, INSA Lyon
- Centre for Power Transmission and Motion Control, University of Duisburg-Essen
- Beijing Institute of Technology
- Center for Compact and Efficient Fluid Power
- Cracow University of Technology - Laboratory of Technological Research and Heavy Duty Machines
- Harbin Institute of Technology
- Institut für fluidtechnische Antriebe und Steuerungen der RWTH Aachen
- Institute of Mobile Machines and Commercial Vehicles Technische Universität Braunschweig
- Johannes Kepler University Linz, Institute of Machine Design and Hydraulic Drives
- Maha Fluid Power Research Center, Purdue University
- Samara National Research University

Check out all the participating academic institutions!  
<http://gfpsweb.org/?q=content/academic-institutions>



Global Fluid Power Society  
@gfpsocial

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This is what your Page looks like to a visitor. [Switch back to your view](#) to manage this Page.

GFPS connects people in the Fluid Power field around the world.

Liked Following Share ...

Sign Up Message

Organization in Lafayette, Indiana  
Always Open

Invite friends to like this Page

Global Fluid Power Society (GFPS) is a worldwide community of institutes for networking in the area of fluid power and fluid techniques.

3 people like this and 5 people follow this

0 people have been here

1500 Kepner drive

# Election of the Board of Directors (BoD)

**Current board of directors (provisional) in charge  
until IFK 2018 @ Aachen (Germany). Elections of the BoD will occur prior IFK 2018**

## **Rules for election of the BoD**

### **Number of board members to nominate/vote:**

The board composition is of 5 individuals: 3 elected, 1 editor in chief of the journal. Additionally, the current BoD decides who will serve as Secretary for the next cycle (the Secretary is the 5<sup>th</sup> BoD member).

The elected Board decides who will serve as Chair.

### **Term: 4 years.**

maximum 2 terms for elected Directors but possible re-election after 4 years.

Only exception for the role of Secretary and Editor in Chief, which are not elected

# Election of the Board of Directors (BoD)

## Rules for election of the BoD (cont.)

### **Nomination process for candidates:**

BoD nominates candidates.

BoD accept also nominations from members of the Advisory Board, but not self nominations. Nominees should be from GFPS participating institutions.

BoD can exclude nominations under exceptional circumstances.

### **Voting:**

email voting (or Survey monkey like system).

Voting will occur in a single session of voting, where each participating institution votes for the 3 board members among the candidates.

The BoD composition will be based on the vote count, and will have to respect following requirements:

- at least one member from Europe
- at least one member from Asia
- at least one member from America
- Not more of two non-academic members

# Meeting conclusion

**Questions and Additional points to discuss**