Final program

Organized by
Institute of Mechatronic Control Engineering, Zhejiang University

Co-sponsored by
The State Key Laboratory of Fluid Power Transmission and Control
Ministry of Education, China
National Natural Science Foundation of China
Chinese Mechanical Engineering Society
Chinese Fluid Power Transmission and Control Society
Zhejiang Provincial Natural Science Foundation of China
Y.C.TANG Disciplinary Development Fund, Zhejiang University

Industrial Co-sponsored by
Ningbo HOYEA Machinery Manufacture Co. Ltd
Shanghai Lixin Hydraulic Co. Ltd
Festo AG & Co. KG
SMC Co. Ltd
Welcome

Every four years, the International Conference on Fluid Power Transmission and Control (ICFP) is held in Zhejiang University. The Conference always offers an opportunity and provides a forum for old friends to meet again, for new friends to know each other and for all participants to exchange their new research results in the field of fluid power transmission and control. Today, the seventh succeeding conference (ICFP 2009) is held on time. It is my great pleasure to express my warm welcome and sincere appreciation to all authors, attendees and guests for their valuable contributions to the conference.

With its glorious history, fluid power transmission and control technology is still making more progress and getting newer achievements to satisfy the increase need of modern industry and society development. Therefore, the conference covers almost all of the most important and interesting research fields of fluid power transmission and control. I believe the conference will further push forward the development of fluid power transmission and control technology.

Hangzhou is one of the most beautiful cities in China. I hope all participants will enjoy their staying here.

Finally, I would like to thank the members of The International Program Committee, the Organization Committee of the Conference and everyone who has contributed to the success of the Conference.

Prof. Dr.-Ing. Yongxiang Lu
Chair, ICFP 2009
Chair, the Academic Committee of the Stake Key Lab. of FPTC, Zhejiang University
President of the Chinese Academy of Sciences
International Program Committee

Chairman: Prof. Yongxiang Lu, Chinese Academy of Sciences, China
Members: Prof. Baosen Sha, Hydraulics Pneumatics & Seals Association, China
          Prof. Guangshang Zeng, Chinese Academy of Engineering, China
          Prof. Guobiao Wang, National Natural Science Foundation of China
          Prof. Hongren Li, Harbin Institute of Technology, China
          Prof. Huayong Yang, Zhejiang University, China
          Prof. Hubertus Murrenhoff, RWTH Aachen University, Germany
          Prof. Jan-Ove Palmberg, Linköping University, Sweden
          Prof. Kevin Edge, University of Bath, United Kingdom
          Prof. Matti Vilenius, Tampere University of Technology, Finland
          Prof. Monika Ivantysynova, Purdue University, USA
          Prof. Qingfeng Wang, Zhejiang University, China
          Prof. Richard Burton, University of Saskatchewan, Canada
          Prof. Shinichi Yokota, Tokyo Institute of Technology, Japan
          Prof. Siegfried Helduser, Technische Universität Dresden, Germany
          Prof. Ying Chen, Zhejiang University, China
          Prof. Yiqun Wang, Yanshan University, China
          Prof. Yuquan Zhu, Huazhong University of Science and Technology, China
          Prof. Zhanlin Wang, Beihang University, China
          Prof. Zuwen Wang, Dalian Maritime University, China

Organized by

Institute of Mechatronic Control Engineering, Zhejiang University

Organization Committee

Chairman: Qingfeng Wang
Co-chairman: Wei Li, Bingfeng Ju
Members: Canjun Yang, Fan Ding, Guofang Gong, Guoliang Tao, Hua Zhou,
         Huayong Yang, Jianhua Wei, Kaichen Song, Linyi Gu, Minxiu Qiu,
         Shiqiang Zhu, Xiaodong Ruan, Xin Fu, Xuanyin Wang, Ying Chen,
         Yurun Fan, Zhangwei Chen

General Secretary: Wei Li, Bingfeng Ju

Members of Secretariat: Mingming Fu, Mengdong Lian
ICFP2009 General Information

Main Schedules

April 7--------
08: 30 – 21: 00 Registration at Zhejiang Narada Grand Hotel
18: 00 – 21: 00 Cocktail Party (Narada Grand Hotel)

April 8--------
09: 00 – 09: 30 Opening Ceremony (Grand Ballroom of Narada Grand Hotel)
09: 30 – 12: 20 Keynote Speeches (Grand Ballroom of Narada Grand Hotel)
12: 30 – 13: 30 Lunch (Narada Grand Hotel)
13: 30 – 17: 50 Parallel Sessions (Narada Grand Hotel)
13: 30 – 17: 30 Visit to the State Key Lab of Fluid Power Transmission and Control, Zhejiang University* (recommended time)
18: 30 – 20: 30 Dinner (Narada Grand Hotel)

April 9 --------
09: 00 – 12: 20 Plenary Speeches (Grand Ballroom of Narada Grand Hotel)
12: 30 – 13: 30 Lunch (Narada Grand Hotel)
13: 30 – 17: 50 Parallel Sessions (Narada Grand Hotel)
13: 30 – 17: 30 Visit to the State Key Lab of Fluid Power Transmission and Control, Zhejiang University* (recommended time)
18: 30 – 20: 30 Conference Banquet (Narada Grand Hotel)
Chinese Traditional Performance

April 10 --------
09: 30 – 11: 30 Visit to the State Key Lab of Fluid Power Transmission and Control, Zhejiang University* (recommended time)
08: 30 – afternoon Tour to Xixi National Wetland Park

* Shuttle buses will be arranged by the organizer to pick up the participants from conference venue to the State Key Lab of Fluid Power Transmission and Control every 20 minutes.
Transportation

Shuttle buses will be arranged by the organizer to pick up the participants from Shanghai airport and Hangzhou airport /railway station to the hotels. From April 6th to April 8th, the participants can meet the leading persons right at the exit of the Shanghai airport, Hangzhou airport and Hangzhou railway station. During the conference, shuttle bus service provided by the organizer will be arranged between the hotels and the conference venue.

The organizer will pick up the participants at the airports or the railway stations according to the following schedule:

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<tr>
<th>Date</th>
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<tr>
<td>April 6th</td>
<td>12:00 – 21:00</td>
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<td>April 7th</td>
<td>08:00 – 21:00</td>
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</tr>
<tr>
<td>April 8th</td>
<td>08:00 – 12:00</td>
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Registration and Payment

Registration Desk will be situated in lobby of Zhejiang Narada Grand Hotel. This is the only registration site and the guests in other hotels will be sent by shuttle buses after finishing registration. All attendees are requested to register in order to get all the materials/services of the conference. All payment could be made by cash or credit cards. Invoice will be made out for the registrants at the registration desk if needed.

Zhejiang Narada Grand Address: No.122 Shuguang Road, Hangzhou, China
Mobile No. for domestic participants: (0)15868452148 (Mr. Mingming Fu)
Mobile No. for overseas participants: (0)15088630180 (Ms. Mengdong Lian)

Papers and Proceedings

More than 200 papers from 19 countries or areas are published on the conference proceedings. Each registrant will receive the proceedings, the price of which is included in the registration fee. Additional proceedings may be purchased for US$ 80 or RMB 500 (including mail cost).

Presentation

Lectures are expected to be given according to the order in the final program. The time for each invited speech is 30 minutes. And for each session presentation, it is 20 minutes including the time for Q&A. The organizer will provide digital projectors and Laptop computer (with MS Windows 98, 2000, XP and Powerpoint) for paper addressing. Participants’ personal computers can also be used.

Conference Language English

Important Declarations

Neither the Conference Organizers nor the Zhejiang University accepts liability for personal injuries sustained, or for loss of, or damage to, property belonging to participants and their accompanying persons, either during or as a result of the Conference. Please check the validity of your own insurance.
April 8, Wednesday

09:00 – 09:30 Opening Ceremony (Grand Ballroom of Narada Grand Hotel)

Introduction Prof. Huayong Yang
Welcome President of Zhejiang University
Opening Address Prof. Yongxiang Lu, Chairman of the Conference
Featured Speakers Prof. Wolfgang Backé
President of Chinese Mechanical Engineering Society
President of Chinese Fluid Power Transmission and Control Society

09:30 – 12:20 Keynote Speeches (Grand Ballroom of Narada Grand Hotel)

Phase 1 --- Chairmen: Prof. Siegfried Helduser (Germany), Prof. Ying Chen (China)
09:30 – 10:00 What advantages does pneumatic have as a method of automation?
Wolfgang Backé, Germany
10:00 – 10:30 New challenges, new chances, new contributions—a look forward to the future of Fluid Power Technology
Yongxiang Lu, Conference Chairman, China
10:30 – 11:00 New approach for improving performance of water hydraulic and hydraulic system
Ato Kitagawa, Japan
11:00 – 11:20 Coffee Break

Phase 2 --- Chairmen: Prof. Monika Ivantysynova (USA), Prof. Zuwen Wang (China)
11:20 – 11:50 Improving efficiency of hydrostatic drives
Hubertus Murrenhoff, Germany
11:50 – 12:20 Highly dynamic servohydraulic motion control
Andrew Plummer, United Kingdom

12:30 – 13:30 Lunch (Window Pavilion Café in Narada Grand Hotel)

13:30 – 17:50 Parallel Sessions (Narada Grand Hotel)

Session A: Innovation in Hydraulic Components and Systems (Harvest Room, 3/F)

Phase 1 --- Chairmen: Prof. Richard Burton, Prof. Long Quan

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<td>13:30 – 13:50</td>
<td>27</td>
<td>Design of position-controlled linear actuator systems using hydraulic drive design assistant (HyDDAs) Kristof Schlemmer RWTH Aachen University, Germany</td>
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<td>13:50 – 14:10</td>
<td>113</td>
<td>Modeling and the energy balance analysis of a hydraulic free piston engine with monopropellant-power Hao-ling Ren</td>
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Development of methodologies and software for engineering, simulation and optimization of oil-hydraulic cylinders of large measurements and strengths
Radovan Petrovic
University of Kragujevac, Serbia

Simulation and experimental research on dynamic characteristics of electromagnetic overflow cartridge valve
Fugang Zhai
Yanshan University, China

Energy-recovering hydraulic drive
Konrad Steindorff
University of Braunschweig, Germany

Simulation and analysis of a voice coil motor direct drive valve (VCM-DDV) based on a co-simulation environment by AMESim and simulink
Shuai Wu
Beihang University, China

Coffee Break

Narrow-band fluid borne noise attenuation using time-domain online control algorithms in a simple hydraulic system
Lin Wang
University of Bath, United Kingdom

Experimental analysis of flow through external spur gear pumps
Andrea Vacca
University of Parma, Italy

How to reduce filtration costs of complex hydraulic systems
Christophe Peuchot
Institute of Filtration and Techniques of Separation, France

Modeling and analysis of a high precision gravity-loaded electro-hydraulic actuator system
Yang Lin
University of Saskatchewan, Canada

QFT robust control of direct drive electro-hydraulic servo rotary vane steering gear
Wenhai Su
Harbin Institute of Technology, China

Influence of hardness and particle load on leakage of hydraulic seat valves
Matthias Schmidt
RWTH Aachen University, Germany

Session B: Simulation (Simulation Technology, FEM, CFD, etc.) & Condition Monitoring and Fault Diagnosis (Diplomat Board Room, 4/F)

Phase 1 --- Chairmen: Prof. Heikki Handroos, Prof. Shiu-Wu Chau

Time  Page  Title, Speaker, Affiliation
13: 30 – 13: 50  700  CFD parametrization for macroscopic model parameters calculation
Eric Bideaux
Institut National des Sciences Appliquées de Lyon, France

13: 50 – 14: 10  711  Comparison of numerical effectiveness of three methods for modelling 2-way flow control valves
Rafael Åman
Lappeenranta University of Technology, Finland

14: 10 – 14: 30  842  The transfer matrix methodology on transient thermodynamic analysis of fluid power systems
Qiujun Xing
Beihang University, China

14: 30 – 14: 50  764  Numerical computation and analysis of temperature field of hydraulic motor pump
Dajie Zhang
Yanshan University, China

14: 50 – 15: 10  823  Study of water hammer in transient flow
Fatheirrhman Omer
Huazhong University of Science and Technology, China

15: 10 – 15: 30  738  Hydrodynamics of horizontal axis marine current turbines
Xiaopeng Xin
Zhejiang University, China

15: 30 – 15: 50  Coffee Break

Phase 2 --- Chairmen: Prof. Yasuhiro Hayakawa, Prof. Canjun Yang

15: 50 – 16: 10  936  Simulation of dewetting process on micropillar array
Shiu-Wu Chau
National Taiwan University of Sci. and Tech., Taiwan, China

16: 10 – 16: 30  783  Reliability analysis of a model for servo hydraulic system by utilizing Markov chain Monte Carlo method
Junhong Liu
Lappeenranta University of Technology, Finland

16: 30 – 16: 50  705  Comparative study of modern shock capturing schemes
Mukkarum Husain
Beihang University, China

16: 50 – 17: 10  734  Flow simulation of running-in aerostatic spherical bearing with inherent compensation and large wrap angle
Wenqi Ma
Dalian Maritime University, China

17: 10 – 17: 30  856  Energy saving neural network (NN) controlled flow-coupled hydraulic hybrid tricycle (HHT)
Celestine Okoye
Nnamdi Azikiwe University, Nigeria

17: 30 – 17: 50  819  Study of leakage and friction of combined seal in hydraulic servo-actuator via finite element and numerical approximation method
Xiao Cui
### Session C: Mechatronics and Automation  (Cinema Five, 2/F)

#### Phase 1 --- Chairmen: Prof. Tapio Virvalo, Prof. Xiangdong Kong

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| 13: 30 – 13: 50 | 284  | A force control of electro-hydraulic load simulator using online tuning fuzzy PID based a robust extend Kalman filter  
Dinh Quang Truong  
University of Ulsan, Korea |
| 13: 50 – 14: 10 | 342  | Force equalization in hybrid actuation systems  
Haitao Qi  
Beihang University, China |
| 14: 10 – 14: 30 | 447  | The hydraulic pitch-controlled technology of wind turbine  
Yonggang Lin  
Zhejiang University, China |
| 14: 30 – 14: 50 | 329  | Design of high precision and full digital AGC system in cold mill  
Gang Chen  
Yanshan University, China |
| 14: 50 – 15: 10 | 360  | Integrated mechatronic design of precision and energy saving electro-hydraulic systems  
Bin Yao  
Purdue University, USA |
| 15: 10 – 15: 30 | 390  | Novel anti-lock braking (ABS) modulator and controller for a motorcycle  
Chun-Kuei Huang  
National Cheng Kung University, Taiwan, China |
| 15: 30 – 15: 50 |      | Coffee Break |

#### Phase 2 --- Chairmen: Prof. Yunhua Li, Prof. Bin Yao

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| 15: 50 – 16: 10 | 303  | Coordinate submersible station-keeping control simulation and experimental research  
Jianjun Long  
Guangdong University of Technology, China |
| 16: 10 – 16: 30 | 442  | The force control of a variable rotational speed pump-controlled system  
Mao-Hsiung Chiang  
National Taiwan University, Taiwan, China |
| 16: 30 – 16: 50 | 381  | Mathematical modeling and fuzzy logic controller design for a hydraulic steering system  
Lingyong Pan  
Huazhong University of Science and Technology, China |
| 16: 50 – 17: 10 | 399  | Research on control system of a wheeled robot for fire inspection based on autonomous vision navigation  
Hongyu Di  
Xi’an Jiaotong University |
| 17: 10 – 17: 30 | 385  | MR haptic device for virtual interface demonstration |
Weihua Li  
*University of Wollongong, Australia*

17:30 – 17:50  316  
**Design and internal model control approach for active towed motion compensation system**  
Haibo Wang  
*Zhejiang University, China*
April 9, Thursday

09:00 – 12:20 Plenary Speeches (Grand Ballroom of Narada Grand Hotel)

Phase 1 --- Chairmen: Prof. Ken Ichiryu (Japan), Prof. Xin Fu (China)

09:00 – 09:30 Computational engineering in design and development of electrohydraulic valves
Siegfried Helduser, Germany

09:30 – 10:00 ECF-jet driven micro artificial muscle actuators and its application to an ECF micro hand
Shinichi Yokota, Japan

10:00 – 10:30 Electro-hydraulic suspension control of a passenger car
Ming-Chang Shih, Taiwan, China

10:30 – 10:50 Coffee Break

Phase 2 --- Chairmen: Prof. Richard Burton (Canada), Prof. Yuquan Zhu (China)

10:50 – 11:20 Hydraulic hybrid power trains – an opportunity and challenge for fluid power
Monika Ivantysynova, USA

11:20 – 11:50 Hydraulic systems in wave energy application
Tapio Virvalo, Finland

11:50 – 12:20 Study on virtual prototype and flow ripple of axial piston pump
Huayong Yang, China

12:30 – 13:30 Lunch (Window Pavilion Café in Narada Grand Hotel)

13:30 – 17:50 Parallel Sessions (Narada Grand Hotel)

Session D: Advances in Pneumatics (Harvest Room, 3/F)

Phase 1 --- Chairmen: Prof. Hong Zhou, Prof. Jae-Cheon Lee

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<td>13:30 – 13:50</td>
<td>520</td>
<td>Friction phenomena and control of pneumatic drives Marcell Meuser RWTH Aachen University, Germany</td>
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<td>13:50 – 14:10</td>
<td>555</td>
<td>Position control of a pneumatic rodless cylinder using full-digital nonlinear coding scheme Chin-Yi Cheng Yuanlin University of Science and Technology, Taiwan, China</td>
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<td>14:10 – 14:30</td>
<td>533</td>
<td>Model and optimal design of pneumatic high-speed on/off valve Zhong Xiang Zhejiang University, China</td>
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<tr>
<td>14:30 – 14:50</td>
<td>511</td>
<td>Analysis of available energy losses in pneumatic booster valves Yan Shi</td>
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</table>
**A new flight simulator driven by pneumatic artificial muscles**
Bishi Ren
Shanghai Jiao Tong University, China

**Research on vortex cup with annular flat skirt**
Xin Li
Tokyo Institute of Technology, Japan

**Coffee Break**

**Phase 2 --- Chairmen: Prof. Radovan Petrovic, Prof. Guoliang Tao**

**Research on hysteresis characteristics of an automotive air spring**
Hao Liu
Keimyung University, Korea

**Study on the characteristics of air driven gas booster based on experiments**
Xu Wang
Dalian Maritime University, China

**Study on a high performance insole with human compatibility**
Yasuhiro Hayakawa
Nara National College of Technology, Japan

**Influence of hybrid pump on pressure and vacuum continuous control system**
Jinyun Li
Huazhong University of Science and Technology, China

**Experimental investigation on the vacuum generated by cylinder exhaust system**
Ling Zhao
Beijing Institute of Technology, China

**Positioning of a spring-loaded pneumatic cylinder with a pressure controller**
Esa Mäkinen
Tampere University of Technology, Finland

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**Session E: Fluid Power for Mobile Machinery & Tribology and New Materials in Fluid Power Machinery**

**Phase 1 --- Chairmen: Prof. Christophe Peuchot, Prof. Jianhua Wei**

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<td>13:30 – 13:50</td>
<td>201</td>
<td>Control concept for an advanced load-sensing system</td>
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<td>Björn Grösbrink</td>
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<td>University of Braunschweig, Germany</td>
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<td>13:50 – 14:10</td>
<td>205</td>
<td>Development of energy saving hybrid excavator using hybrid actuator</td>
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<td>Kyoung Kwan Ahn</td>
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<td>University of Ulsan, Korea</td>
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<td>14:10 – 14:30</td>
<td>279</td>
<td>The research on the dynamic characteristic of the hydrothermal fluid sampler</td>
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<td>Yanqing Xie</td>
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Phase 2 --- Chairmen: Prof. Jyh-Chyang Renn, Prof. Guangzheng Peng

14: 30 – 14: 50  210  Dynamic characteristics analysis for steering cylinder and pipeline
Jinjun Liao
Huazhong University of Science and Technology, China

14: 50 – 15: 10  238  Hardware-in-the-loop experiments of vehicle stability control system via a hydraulic model
Chih-Keng Chen
Dayeh University, Taiwan, China

15: 10 – 15: 30  686  Research on the adaption of injection systems to new fuels from biomass
Alexander Wohlers
RWTH Aachen University, Germany

15: 30 – 15: 50  Coffee Break

Phase 2 --- Chairmen: Prof. Jyh-Chyang Renn, Prof. Guangzheng Peng

15: 50 – 16: 10  224  Energy saving system utilizing LQ-technique design
Björn Eriksson
Linköping University, Sweden

16: 10 – 16: 30  729  Dynamic simulation of hydrostatic propel systems
Yong Li
Sauer-Danfoss, China

16: 30 – 16: 50  220  Electro-hydraulic steering control systems for heavy duty of intelligent construction machinery
Yunhua Li
Beihang University, China

16: 50 – 17: 10  214  Electro-hydraulic control systems for mobile machinery with low energy consumption
Robert Finzel
Technische Universität Dresden, Germany

17: 10 – 17: 30  276  Study on stabilized pressure characteristics of different type of the electromagnetic overflow cartridge valve
Jing Yao
Yanshan University, China

17: 30 – 17: 50  243  Hydraulic clutch control systems of power-shift transmission for a tractor
Jae-Cheon Lee
Keimyung University, Korea


Phase 1 --- Chairmen: Prof. Esa Mäkinen, Prof. Jihai Jiang

13: 30 – 13: 50  620  A new hydraulic tube bending machine and in-process measurements
Hiroyuki Goto
13: 50 – 14: 10 480 **Modelling of a water hydraulic vane actuator**  
Ali Muhammad  
*Tampere University of Technology, Finland*

14: 10 – 14: 30 637 **Integrated hydraulic propulsion of ship**  
Yulong Ji  
*Dalian Maritime University, China*

14: 30 – 14: 50 50 **Comparing controllers in water hydraulic cylinder motion control**  
Tapio Virvalo  
*Tampere University of Technology, Finland*

14: 50 – 15: 10 927 **Dynamic characteristics of a microfluidic control system based on valve-less piezoelectric micro-pumps**  
Xiaoming Chen  
*Harbin Institute of Technology, China*

15: 10 – 15: 30 778 **Progress of research on pipeline dynamic characteristics and influence to hydraulic control system**  
Yang Yang  
*Yanshan University, China*

15: 30 – 15: 50 **Coffee Break**

**Phase 2 --- Chairmen: Prof. Eric Bideaux, Prof. Hua Zhou**

15: 50 – 16: 10 471 **Development on the power pack of an underwater tool system driven by seawater hydraulics**  
Yinshui Liu  
*Huazhong University of Science and Technology, China*

16: 10 – 16: 30 911 **Prediction and optimisation of audible noise from fluid power machines**  
Liselott Ericson  
*Linköping University, Sweden*

16: 30 – 16: 50 498 **On torque of swash-plate-type water hydraulic axial piston motor**  
Zhiwei Hu  
*Huazhong University of Science and Technology, China*

16: 50 – 17: 10 485 **Modelling, simulation and control of a water hydraulic manipulator**  
Likui Zhai  
*Tampere University of Technology, Finland*

17: 10 – 17: 30 917 **Research on characteristics of hydraulic servovalve under vibration environment**  
Changming Li  
*Tongji University, China*

17: 30 – 17: 50 931 **Micro etching method inside microchannels**  
Yi Zheng  
*Zhejiang University, China*
Conference Office

Room 408, Institute of Mechatronic Control Engineering, Zhejiang University
Tel: +86-571-8795-1940
Fax: +86-571-8795-1941
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Website: http://sklofp.zju.edu.cn/icfp2009/
Mobile No. for domestic participants: (0)15868452148 (Mr. Mingming Fu)
Mobile No. for overseas participants: (0)15088630180 (Ms. Mengdong Lian)

Zhejiang Narada Grand Hotel Address: No.122 Shuguang Road, Hangzhou, China
Shangri-la Hotel Address: No.78 Beishan Road, Hangzhou, China
Lily Hotel Address: No.45 Shuguang Road, Hangzhou, China
Yuquan Hotel Address: No.138 Yugu Road, Hangzhou, China

Technical Visiting

The Institute of Mechatronic Control Engineering and The State Key Laboratory of Fluid Power Transmission and Control cordially welcome all the attendees’ visit through the duration of the conference.

Post Conference Programs

• Free Tour to Xixi National Wetland Park.
• Some visiting /shopping activities are arranged for the accompany persons during the conference. The detailed schedule can be obtained on registration desk.

If you are interested in continuing your visit in China after April 10\textsuperscript{th}, please visit http://english.ctrip.com/ and http://www.elong.net/ for more information. And you can consult the travel agency at the registration desk.

Other Social Programs

• Cocktail Party (Opened to all participants and accompany persons )
• Welcome Reception (Opened to all participants and accompany persons )
• Traditional Chinese Performance

Secretariat

Assistants: Mr. Mingming Fu, Ms. Mengdong Lian
Room 408, Institute of Mechatronic Control Engineering, Zhejiang University
Tel: +86-571-8795-1940
Fax: +86-571-8795-1941
Email: icfp2009@zju.edu.cn
Website: http://sklofp.zju.edu.cn/icfp2009/

*For more information, please refer to the brochure distributed at the registration desk.