INTERNET
In the foyer of the Brüssel Saal and in the lobby a free hot spot for internet is provided. The name of the network is IFK 2022 Besuchernetz (Password: IFK#2022Eurogress)
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
<th>Speakers</th>
<th>Topic</th>
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<tbody>
<tr>
<td>09:00</td>
<td>Opening Ceremony</td>
<td>Europa Saal</td>
<td>Prof. Schmitz</td>
<td>Symposium opening</td>
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<td>09:30</td>
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<td>10:00</td>
<td>Tribology</td>
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<td>Special Applications</td>
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<td>10:30</td>
<td>Electrification</td>
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CONFERENCE PROGRAM

A - TRIBOLOGY
09:00 Lars Brinkmann, Bosch Rexroth AG, “Tribological analysis of the plain bearings in an external gear pump considering separate bearing bushings”
09:20 Achill Holzer, RWTH Aachen University, “Comparison of EH-LA-coated carbide-reinforced control plates with conventional lead-based solutions in state-of-the-art axial piston machines”
09:40 Svenja Horn, TU Dresden, “Tribo-optimized lubricating interfaces in hydrostatic pumps with surface shaped slippers”
10:00 Yining Shen, Zhejiang University, “Optimization of clearance in the piston/cylinder interface of EHA pumps considering thermal deformation effects”

B - ELECTRIFICATION
09:00 Federico Zappaterra, Purdue University, “Design and Verification of An Open-Circuit Electro-Hydraulic Actuator System with An Integrated Electro-Hydraulic Unit”
09:20 Willy Reichert, Fraunhofer Institute for Machine Tools and Forming Technology, “Smart technology optimized electro hydraulic drive concept”
09:40 Markus Bissbort, HydraForce Hydraulics, Ltd., “Smart Cartridges with Integrated LVDT Position Sensing”
10:00 Cai Shaole, Huaqiao University, “Research on Power Uninterrupted Shift Strategy of Electric Loader Based on Coordinated Control of Drive Electric Motor and Wet Clutch”

C - SPECIAL APPLICATIONS
09:00 Eva Holl, Johannes Kepler Universität Linz, “Compact upper limb exoskeleton with a hydraulically actuated elbow joint”
09:20 Thomas Farsakoglou, Aalborg University, “Review of offshore winch drive topologies and control methods”
09:40 Rituraj Rituraj, Johannes Kepler Universität Linz, “Investigation of an optimal design and control of digital hydraulic drive for knee exoskeleton”
10:00 Felix Fischer, RWTH Aachen University, “Leakage of Metallic Ball Seat Valves with Anisotropic Surfaces”

D - MOBILE APPLICATIONS
10:40 Denis Ritz, TU Dresden, “On the qualification of common off-road hydraulic systems for upcoming automation”
11:00 Jacob Lengacher, Purdue University, “Multi-Pressure Rail System Design with Variable Pressure Control Strategy”
11:20 Sebastian Deuster, RWTH Aachen University, “Methods of Environmental Information Acquisition by Sensor Data and Digital Twins”
11:40 Benjamin Beck, TU Dresden, “Data analysis for the evaluation and design of a model-based fault detection based on an independent metering system for mobile hydraulic drives.”
CONFERENCE PROGRAM

E - EHA

10:40  Jens Popken, TU Dresden, "Adaptive static velocity feedforward controls on an electrohydraulic compact drive"

11:00  Amos Merkel, RWTH Aachen University, "Endurance Investigation of EHA Axial Piston Pumps"

11:20  Tobias Schulze, TU Dresden, "Plastic components for electro-hydrostatic drives"

11:40  Felix Schlegel, Young Researcher’s Presentation, "Experimental wear investigation of the slipper-swashplate contact of EHA pumps in primary flight control"

F - SYSTEMS I


11:00  Željko Šitum, University of Zagreb, "Hydraulic Actuator Control Using Cartridge Valves"

11:20  Denis Jankovič, University of Ljubljana, “The Concept of Multi-Agent Smart Hydraulic press”

11:40  Christa Düsing, XCMG European Research Center, “Integration of a Safety Function-FMEA into a Professional FMEA-Software Tool to meet the New Draft of ISO 13849”

G - MANUFACTURING

13:00  Jaroslav Dvořáček, Argo-Hytos s.r.o., “Additive manufacturing of springs for linear motors of High dynamics response Proportional directional valve”

13:20  Fabian Guse, RWTH Aachen University, “Cavitation erosion resistance of additively manufactured materials”

13:40  Lukas Michiels, Karlsruhe Institute of Technology, “Influence of high pressure drop rates on fatigue crack growth”

14:00  Robin Mommers, INNAS BV, “High volume production of pistons and cups for floating cup pumps and motors”


H - SEALS

13:00  Oliver Feuchtmüller, University of Stuttgart, “An empirical study on the wear of reciprocating hydraulic rod seals using 15 different oils”


14:00  Paul Michael, Milwaukee School of Engineering, “The Effects of Fluid Properties on Rod Seal Stick-Slip Mechanical and Sound Vibrations”

14:20  Susanne Hahn, University of Stuttgart, “Assessment of the lubricity of grease-sealing rotary shaft seals based on grease properties”
I - SYSTEMS II

13:00 Abid Abdul Azeez, Tampere University, “Multi-physics Co-simulation of an Electric Reach Truck”
13:20 Martin Laube, Bosch Rexroth AG, “Potential of Connected Multi-Axis Hydraulics”
13:40 Simon Köhler, TU Dresden, “Integration of fault detection and diagnosis methods into OPC UA for mobile machinery”
14:00 Ambra Fioravanti, CNR-CEM, “Gas sensors for monitoring hydraulic fluid conditions”
14:20 Yu Yao, Huaqiao University, “Autonomous Walking Method of Construction Machinery Based on Camera”

J - DIGITIZATION

15:00 Faras Brumand-Poor, RWTH Aachen University, “Control of a Hydromechanical Pendulum with a Reinforcement Learning Agent”
15:20 Jacques Philippe Schraft, Moog GmbH, “Monitoring the hydromechanical and volumetric subsystem of an EAS during an artificial wear process”
15:40 Philipp Wetterich, TU Dresden, “Towards decentral Condition Monitoring based on Small Data and hybrid Soft Sensors”
16:20 Xinhao Li, Yanshan University, “Data-driven Fault Diagnosis Based on Deep Learning for Multiple Failures of High Speed On/off Valve”

K - COMPONENTS

15:00 Manuel Rexer, TU Darmstadt, “Transient heat transfer in reciprocating devices – physical model and model validation”
15:20 Keith Pate, Purdue University, “Study of Variable Cam Profiles in Mechanically Actuated Digital Fluid Power Systems”
15:40 Federico Monterosso, OMIQ srl, “A novel method for the numerical investigation of Pendulum-slider pumps”
16:00 XinCheng Wang, Yanshan University, “Research on the Influence of Piston Reciprocating Motion on Churning Losses in Axial Piston Pumps”
16:20 Zita Tappeiner, Young Researcher’s Presentation, “Experimental development and validation of tribological run-in strategies to reduce friction and wear in hydraulic applications”

L - FLUIDS

15:00 Darko Lovrec, University of Maribor, “Application areas of ionic liquids in the field of hydraulic drive technology”
15:20 Deniz Bulutcu, TU Braunschweig, “Development of Glycerin/Chitosan-Based Fluids for Stationary and Mobile Hydraulic Drives”
15:40 Sven Osterland, TU Dresden, “Separating vapor from gas cavitation in experiment and CFD”
16:00 Alexander Wohlers, Hochschule Trier - Trier University of Applied Sciences, “Time- and space-resolved simulation of the air content in hydraulic systems”
16:20 Seyedmajid Mehrnia, TU Darmstadt, “Tribological design by Molecular Dynamics simulation – The influence of molecular structure on wall slip and bulk shear”
**CONFERENCE PROGRAM**

**I - MOBILE HYDRAULICS**


14:00  Salih Tetik, Bosch Rexroth AG, “Secondary Control Based Hydraulic Architectures For Mobile Applications”

14:20  Steffen Antoni, ARGO-HYTOS GMBH, “Hydropneumatic Spray Boom Control - Rethinking Technology”

14:40  Paul Marshall, Danfoss Scotland Ltd, “Application of a Digital Displacement® combined Propel & Work Function Transmission to Off-Highway Machines – Case Study on 4.5t Forklift”

**II - CYLINDER CONTROL**


14:00  John Hutcheson, Danfoss Scotland Ltd, “Motion Control of a Hydraulic Cylinder with a Digital Displacement Pump Motor”

14:20  Kristof Schlemmer, Moog Luxembourg S.à r.l., “Extending the Boundaries of Electrohydraulic Actuation”

14:40  Yunyia Hao, Taiyuan University of Technology, “Energy-Saving Effect of Hydraulic Excavator with Application of Hydraulic-Electric Hybrid Driving System”

**III - FLUIDS & FUELS**


14:00  Filipp Kratschun, NPROXX B.V., “Hydrogen as Fuel – Technical Challenges on the Way to Becoming Number One”

14:20  David van Bebber, Ford Werke GmbH, “A holistic model-based simulation of fuel supply systems for alternative fuels”

14:40  Peter Kloft, HYDAC Technology GmbH, “Gas compression units for gases of high purity”

**IV - DIGITAL INDUSTRIES**

15:30  Mark Krieg, Bosch Rexroth AG, “Digitization in industrial hydraulics – added values for machine builders and their customers”

16:00  Faried Makansi, RWTH Aachen University, “Feature Generation and Evaluation for Data-Based Condition Monitoring of a Hydraulic Press”


16:40  Kevin T. Logan, TU Darmstadt, “Data Management as an Enabler of Sustainability – Discussion Using the Example of a Digital Data Sheet”
**CONFERENCE PROGRAM**

**VI - SIMULATION**

15:30 Zoufiné Lauer-Baré, Hilite International, “Analytical formulae in fluid power, quo vadis in times of CFD and I4.0?”


16:20 Benedikt Müller, FLUIDON GmbH, “Model-Based Engineering of an Arial Working Platform with Trajectory Control”

16:40 Thomas Sendelbach, Bosch Rexroth AG, “Embedded Intelligence - Hybrid Models for Smart Industrial Hydraulics”

**VII - PUMPS & DATA**

09:00 Martin Krüssmann, Bosch Rexroth AG, “New Powerful hydraulic platforms for digitalized mobile machines”

09:30 Abid Abdul Azezz, Tampere University, “AI-based condition monitoring of a variable displacement axial piston pump”

09:50 Andreas Schumacher, Danfoss Power Solutions GmbH & Co. OHG, “Condition Monitoring of an Axial Piston Pump based on Graybox Modelling”

10:10 Shihao Liu, Zhejiang University, “A Noise-Robust Weak Wear State Identification Method of Slipper/Swash Plate Pair in the Axial Piston Pump Based on Cylinder Block Displacement”

**V - DESIGN OF MOBILE SYSTEMS**

15:30 Henrique Raduenz, Linköping University, “Rule- and Neural Network-based Energy Management for a Hydraulic Hybrid Wheel Loader”

15:50 David Fassbender, Bosch Rexroth AG and Tampere University, “Using Displacement Control for Single Cylinders on an Electric Mobile Machine - Improved Efficiency Versus Increased Component Costs”

16:10 Andreas Opgenoorth, RWTH Aachen University, “Switching procedures of multi-pressure systems for electrified excavators”


**VIII - PNEUMATICS I**

09:00 Wolfgang Gauchel, Festo SE & Co. KG, “On the thermodynamics of pneumatic compression and expansion”


09:50 Gabriel de Carvalho, University Lyon, “Pneumatic Pressure Control Based on PWM Command of On-Off Switching Valves”

10:10 Niklas Bauer, RWTH Aachen University, “EHL Simulation of Transient Friction of Translational Seals in Pneumatic Spool Valves under Consideration of 3D Surface Topography Measurement Data”
X - COMPONENTS

13:30  Tatiana Minav, Tampere University, “From components to systems: An overview on the impact of hydraulics on energy efficiency”
14:00  Gianluca Ganassi, Walvoli SpA, “Viable Energy Recovery Strategies through advanced Directional Control Valve”
14:20  Andrea Vacca, Purdue University, “Modeling of crescent-type internal gear pumps considering gear radial micromotion”
14:40  Manuel Rigosi, Casappa SpA, “A novel concept for reliable low noise external gear pumps”

XI - PNEUMATICS II

13:30  Michael Britzger, Aventics GmbH, “Machine Learning Driven Local Assignment of Compressed Air Consumption Anomalies”
14:00  Stephan Merkelbach, NORGREN GmbH, “Closed loop pneumatic levelling control for CV driver seats”
14:20  Valentin Stegmaier, University of Stuttgart, “Simulation model for digital twins of pneumatic vacuum ejectors”
14:40  Christian Reese, RWTH Aachen University, “Energy Savings Through Pneumatic-Mechanical Adaptive Upstream Throttling and Supply Shut-Off on Downstream Throttled Drives”

IX - PUMPS

14:00  Peter Achten, INNAS BV, “Measuring the effect of shuttles on the overall efficiency of a slipper type axial piston pump”
14:20  Ahmed Shorbagy, TU Dresden, “Holistic analysis of the tribological interfaces of an axial piston pump - Focusing on pump’s efficiency”

XII - MOBILE SYSTEMS & I 4.0

15:30  Tobias Lange, Hydraulic Drive Technology Beteiligungs GmbH, “Development and Design Considerations of Next Generation Electric and Hybrid Dozers”
16:00  Ozan Demir, Robert Bosch GmbH, “Learning-based Feed-forward Control for Advanced Excavator Assistance Functions”
16:20  Christian Haas, RWTH Aachen University, “Environment Detection and Trajectory Planning Concept for an Automated Excavator using Open Source Software”
XIII - VALVE ACTUATION

15:30  Simon Hucko, RWTH Aachen University, “Direct Operated Control Valves: Trends and Potentials”

16:00  Sören Richter, Thomas Magnete GmbH, “The path to distributed hydraulic actuation - Model-based system design of enhanced mechatronic pilot systems”


XIV - MICROFLUIDICS

15:30  Olivier Reinertz, RWTH Aachen University, “From Macro to Micro Pumps”

16:00  Annabell Effner, TU Dresden, “Experimental Investigation on a peristaltic Micropump based on Magnetic Shape Memory Alloy”

16:20  Titus van den Brink, Holmatro, “Micro hydraulic pumps for battery powered portable rescue tools”
As a medium-sized family business with more than 1600 employees ARGO-HYTOS has more than 75 years experience in Fluid & Motion Control and Filtration technology in mobile and industrial hydraulics. Especially in the mobile hydraulics sector ARGO-HYTOS has developed into one of the innovation leaders. ARGO-HYTOS develops and produces hydraulic components like filters and filter systems, valves and power packs for fluid motion control, oil maintenance and oil diagnostic systems, oil condition sensors, stationary and portable particle counters and monitors for online oil condition monitoring and condition based maintenance as well as and customized system solutions. With production companies in Germany, Czech Republic, Poland, India and China as well as numerous own distribution and assembly companies the ARGO-HYTOS Group is active worldwide. Furthermore we are cooperating with a net-work of professional service partners. We produce fluid power solutions.

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As one of the world’s leading suppliers of drive and control technologies, Bosch Rexroth ensures efficient, powerful and safe movement in machines and systems of any size. The company bundles global application experience in the market segments of Mobile Applications, Machinery Applications and Engineering, and Factory Automation.

With its intelligent components, customized system solutions and services, Bosch Rexroth is creating the necessary environment for fully connected applications. Bosch Rexroth offers its customers hydraulics, electric drive and control technology, gear technology and linear motion and assembly technology, including software and interfaces to the Internet of Things.

With locations in over 80 countries, more than 31,000 associates generated sales revenue of around 6.2 billion euros in 2021. To learn more, please visit www.boschrexroth.com
WE HELP KEEP OUR PLANET LIVABLE

With innovative strength and passion, we develop and manufacture electromagnetic drive components, sensors, electronics and software for the regulation and control of highly dynamic processes in vehicles, plants, medical technology equipment or food production. 2,500 employees worldwide work for the success of our customers. For more safety, efficiency and environmental compatibility.

WE WANT TO INSPIRE

The entire corporate culture of the ETO GRUPPE is based on passion, competence and trust, held together by our team spirit and our customer orientation. For us, solidarity also means that we all pull together, treat each other with respect and appreciation, and look for solutions together. People are at the center of everything we do. We want to inspire people - satisfaction alone is not enough for us.

As a company, we specialize in making mobility, vehicles, machines, devices, medical technology and food production safer, more efficient and more environmentally compatible, and in networking and intelligently processing data.

ETO GRUPPE

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FLUIDON GMBH

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Email info@fluidon.com
Web www.fluidon.com

FLUIDON is service provider and software developer for conception, failure analysis, functional testing and virtual commissioning of complex fluid-power-mechatronic systems and supports manufacturers of fluid-power machines and plants in the development of efficient systems.

For the model-based development of complex systems FLUIDON offers:

DSHplus
CAE tool for the calculation of hydraulic/pneumatic-mechatronic-systems, includes result analysis, simulation automation, cross-application connection of external CAE tools via Functional Mock-up Interface (FMI).

VEL - Virtual Engineering Lab
Model-based engineering tool for building and orchestrating digital twins, includes creation of workflows for system analysis and optimization, automated analysis of simulation results and measurement data, reporting, up to SiL and HiL setups.

FLUIDON, together with its partner measstream, will demonstrate the use of these tools to develop a trajectory control system for an aerial work platform.
COMPANY PROFILE

FREUDENBERG SEALING TECHNOLOGIES

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69469 Weinheim
Germany
Tel +49-(0)6201-960-6666
Email info@fst.com
Web www.fst.com

ACCUMULATORS FROM FREUDENBERG SEALING TECHNOLOGIES

Freudenberg Sealing Technologies (FST) is a longstanding technology expert and market leader for sophisticated and novel applications in sealing technology and electric mobility solutions worldwide. With its unique materials and technology expertise, the company is a proven supplier for demanding products and applications, as well as a development and service partner to customers in the automotive industries and in general industries.

FST offers its customers a complete line of hydraulic accumulators which include piston, diaphragm and bladder accumulators. Whether your application is stationary or mobile, Freudenberg combines market knowledge, the latest in technology and global support for your next application. We achieve customer-specific solutions including special weight and space-saving accumulators, build with more than six decades of experience with accumulator technology.

The company is part of the global Freudenberg Group which has four business areas: Seals and Vibration Control Technology, Nonwovens and Filtration, Household Products as well as Specialties and Others. In 2019, the Group generated sales of approximately €9.5 billion and employed more than 50,000 associates in around 60 countries.

COMPANY PROFILE

HYDAC INTERNATIONAL GMBH

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Email info@hydac.com
Web www.hydac.com

FLUID TECHNOLOGY, HYDRAULICS, ELECTRONICS AND SERVICE WORLDWIDE.

With over 9,500 employees, 50 subsidiaries and more than 500 service partners, HYDAC is a reliable and competent partner – worldwide. Our product range includes hydraulic accumulators, fluid filters, process filters, cooling technology, pumps, valves, power units, control blocks, magnet technology, sensors, measuring, display and analysis devices, electrohydraulic controls, variable-speed drive solutions, cylinders, fastening and connection technology, fittings, Condition Monitoring, the MATCH software platform for mobile automation and much more. With our expertise, we engineer and supply turnkey hydraulic control and drive systems, including electronic controls and regulators, for mobile and stationary machinery and equipment for a wide range of industries. Moreover, we offer our customers a large package of technical services around the HYDAC Fluid Engineering for hydraulic oil, lubricants, cooling lubricants and water.
LEE - INNOVATION IN MINIATURE
LEE Hydraulische Miniaturkomponenten GmbH was founded as a subsidiary of THE LEE COMPANY (Westbrook, Conn., United States) in 1979. LEE is a market-leading manufacturer and seller of miniature precision hydraulic components for the aerospace industry. Our components are used successfully in fields as varied as the offshore industry, motor sports, the automotive industry and industrial and mobile hydraulics. We also offer a product line with applications in medical and scientific technology, opening the way to a host of space-saving constructions.

The Institute for Fluid Power Drives and Systems (ifas) at RWTH Aachen University is one of the world’s largest and most renowned scientific institutions dealing with all aspects of fluid power. This includes hydraulic and pneumatic drive systems and all their application areas. Current research also focuses on synergies with information technology, control engineering, electrical engineering, tribology and chemistry.

Through innovative research and development, scientific progress and excellent (engineering) education, ifas continues to drive the fields of fluid power technology forward towards a sustainable motion technology of the future. The required scientific expertise is continuously expanded by our highly motivated scientific staff in theoretical, experimental and simulative research and development projects. Targeted basic research and the joint implementation of the latest findings in industrial practice are the focal points of our work.
Magnet-Schultz is specialist for electromagnetical actuators, sensor and valve technology. We develop individual high-tech solutions in cooperation with our customers or the aerospace, automotive, electromechanics, hydraulics, medical technology, pneumatics industry and many more. As independent family company in the 4th generation we stand for experience, know-how sustainability and highest quality. With a wide vertical range of production and 2600 employees at our sites in Europe, the USA and China, we are your reliable and global partner for your innovation today and in the future. Our key to success has been the same for more than 100 years. „We support our customers’ success!“

Founded in 1925 by Paul Pleiger, the former Paul Pleiger Maschinenfabrik initially manufactured compressed air valves and fittings for the mining sector. Today PLEIGER is a strong partner for hydraulic systems and components and is one of the global market leaders for electro-hydraulic ship equipment. Furthermore, we are also partnered with the most famous shipyards around the world – over 7,000 ships are fitted with Pleiger equipment. Every order benefit by our experience in project planning and equipment design. This know-how helps us to support our customers with their project planning and execution of orders. Additionally, we produce centrifugal pumps, coke oven valves and cast products made from light and non-ferrous metals. Pleiger combines the innovative power of a German high-tech manufacturer with the down-to-earth character of a tradition-conscious family-owned company with long-term prospects. PLEIGER stands for stability and sustainable growth.
COMPANY PROFILE

SCANWILL FLUID POWER APS

Sustainable Hydraulic Pressure Intensifiers

Scanwill Fluid Power is one of the world’s leading manufacturers of hydraulic pressure intensifiers. Since 2001, the company has been developing and producing units that can increase hydraulic system pressure by up to 20 times. This smart solution for high-pressure hydraulics saves on both cost and energy and is a sustainable choice.

Scanwill can deliver pressures from 20 to 4,000 bars, or anything in between, depending on application, with no heat development and cost-efficient integration. With most types available from stock and decades of special solutions experience, Scanwill is a trusted partner in hydraulics.

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SCHIENLE MAGNETTECHNIK + ELEKTRONIK GMBH

Applications for our existing products and solutions:

- Explosion proof
- Hydraulics
- Pneumatics
- Medical technology
- Environmental technology
- Food industry

Schienle Magnettechnik + Elektronik GmbH is an internationally established provider of professional and robust linear actuator solutions. Since 1976, Schienle Magnettechnik + Elektronik GmbH has been producing actuator solutions for valves and mechanical applications. The best possible flexibility in batch size and variant solutions backs up our claim to be leaders in service. As the leading provider of explosion-proof solenoids and sensors, Schienle has world-wide approvals at its disposal for the production and sale of explosion-proof products, including in the mining and oil industries.

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Thomas is a leading manufacturer of electromagnetic actuators for off-highway solutions, mobility solutions, and other high-tech industries like healthcare. We are a development partner and system supplier of innovative, customized electronic actuator solutions for fluid and mechatronic applications based on efficient standards. The company currently employs about 900 people.

Our vision is: Fluid Control Solutions for a better Life: healthy, safe and comfortable - our solutions are supposed to make people's lives healthier, safer and more comfortable.

COMPANY PROFILE

TU DRESDEN PROFESSUR FÜR FLUID-MECHATRONISCHE SYSTEMTECHNIK

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Web www.tu-dresden.de

Fluid-mechatronic components and systems facilitate the automation in all areas of application. Germany's fluid power has been the globally leading technology for many years. This ongoing leadership in technology has resulted in a quick growth far above average within the industry branch, with a high demand of research efforts as well as well-educated engineers. The Chair of Fluid-Mechatronic Systems as part of the Institute of Mechatronic Engineering at TU Dresden is collaborating closely with companies of the same industry in research and teaching — this is applicable for both the manufacturer and the user. It offers students a scientific education of the fundamental basics as well as important areas of application. Practical orientation and relevance of the studied material can be guaranteed through involving company representatives in parts of the study. Research at the chair is focused on current affairs of the industrial development with the following core points:

- fluid-mechatronic components,
- fluid-mechatronic systems,
- alternative and energy efficient drive concepts,
- system integration.
We are hiring.

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VISIT OF THE IFAS LABORATORY

The test facilities of the Institute for Fluid Power Drives and Systems (ifas) are open to visitors from Monday, 13th June to Wednesday, 15th June. The institute staff is looking forward to outline and demonstrate the test benches.

The bus 3B (Laboratory → Eurogress) and 3A (Eurogress → Laboratory) are available various times during the conference, please consider the timetable. For special occasions it is possible to organize a shuttle bus in the conference office.

A little heads up, the parking space around the laboratory is limited and recently managed and controlled by the university. Free parking at guest parking in parking garage. A map with designated parking areas can be found on the next page of this brochure.