

HERVEX 2024

HERVEX Hydraulics and Pneumatics International Conference | 11-15 November 2024 | 00 00 00

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Rationale for the Hervex Conference

The aim is a good opportunity to present in person your work related to the HERVEX 2024. The aim is to present your work related to the HERVEX 2024. The aim is to present your work related to the HERVEX 2024.

The International Conference on Hydraulics, Pneumatics, Sealing Elements, Precision Mechanics, Tools, Specific Electronic Equipment & Mechatronics HERVEX 2024

Salto Garcia, Valad County, Romania
13-15 November, 2024

International Conference on Hydraulics and Pneumatics - HERVEX

The International Conference offers a scientific platform for communication and discussion of technical results in HERVEX 2024, in manufacturing, design, water and control.

Scientific papers and results presented in the framework of this event, regarding equipment and integrated systems, will represent a basis for a new machine towards development and innovation in fluid power, which will provide high productivity means for better energy efficiency of industrial and mobile equipment.

Venue

Hotel Palatul***
Salto Garcia, Valad County, Romania



Objectives of this Scientific Event

- Establishing and developing research in pneumatics and hydraulics within DRMs.
- Promoting hydraulic, mechatronic, biology, green energy and technology transfer in leading areas, while addressing various research projects in the light of their complexity.
- Identifying projects in the field of the conference together with R&D companies.
- Promoting the creation of Research Institutes and Research Centers within Technical Institutes, in fields of various production units in Romania in order to identify topics that can be addressed jointly.
- Making contacts between Romanian professionals in hydraulics and pneumatics and experts from foreign companies and universities, in order to develop joint international projects.
- Sharing knowledge about the technical innovations of international companies, in the field.

International Conference on Hydraulics and Pneumatics - HERVEX

HERVEX has become a forum for manufacturers, users and scientists to present and discuss future developments, application and product innovation and also to share experience and expertise.

Value Chamber of Commerce and Industry and Hydraulics & Pneumatics Research Institute in Bucharest have been organizing this event since 1983.

HERVEX has established a reputation for being the industry meeting place for engineers based in their nation. This meeting need associates a series of hydraulic fluid power practitioners with a high level of commitment. Exhibitors view our fair products and devices in engineering demonstrations, as well as present a performance to those who are looking for solutions to today's engineering challenges. The event gives a broad overview of the state of the art in fluid power both in terms of technology and practical applications.

Attendees are engineers, designers, managers involved in the design, installation, maintenance or repair of machines & equipment powered by fluid power systems, both hydraulic & pneumatic, from a wide range of markets such as construction, agriculture, manufacturing, mining, forestry, other types of heavy equipment, food processing and packaging industries, as well as maintenance, repair and spare equipment.

Also, the researchers and scientists from the Romanian and abroad universities bring an important contribution to discussing of the systematic through projects presented as well as by participating in the section of education and training in HERVEX 2024.

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Conference details

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Call for Papers

Download **HERVEX 2024 Call for Papers**

The MAIN TOPICS of the HERVEX 2024 conference

- MODERN HYDRAULIC DRIVES**
 - Advanced Manufacturing
 - Artificial Intelligence in Manufacturing Processes - Intelligent Hydraulics
 - Modeling and Simulation Simulation of Manufacturing Technology
 - Digital Hydraulics
 - Fluid Power Systems in Mechatronics, Robotics
- SYSTEMS AND EQUIPMENT FOR MODERN HYDRAULICS**
 - Fluids and Components for Modern Hydraulics, Machinery
 - Fluid Power in Agriculture, Construction Machinery and Mining, Automobiles, etc.
- SYSTEMS AND EQUIPMENT FOR INDUSTRIAL HYDRAULICS**
 - Industrial Hydraulic Machinery, Equipment and Tools
 - Testing and Fluid Simulation Facilities
 - Transfer Systems
- MAINTENANCE IN FLUID POWER**
 - Reliability, Maintenance and Safety Diagnosis of Fluid Power Systems
 - Tools and Vibration
- LUBRICATION AND TRIBOLOGY**
 - Testing and Fluid Simulation
 - Fluid Management
 - Green Technology
 - Wear and Surface Technology
- ENVIRONMENT AND SUSTAINABLE ENERGY**
 - Environmental Health of Manufacturing
 - Business and Environmental Operations
 - Green Design and Storage
 - Hydraulics and Pneumatics in Green Energy Solutions and Technologies
- EDUCATION AND TRAINING IN FLUID POWER**
 - Industrial Education in Fluid Power and Related Technical Fields
 - Industrial Training in Fluid Power Systems



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HERVEX 2024

HERVEX Hydraulics and Pneumatics International Conference (18-19 November 2024) | 18-19 November 2024 | 00 00 00

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Organizers

Rationale for the Hervex Conference

The main is a good opportunity for presenting in general area the results obtained by the 1500+ authors after the completion of projects under 10000, scientific, engineering and non-scientific European Union.

Being knowledge about the advancement for high development of the field of research.

Progress of the scientific activity constantly in all the scientific fields of knowledge and the scientific results being used for an increased recognition/transfer of science.

- Training European youngsters in all progress and research of the European Research Union for Europe Research Union
- Training students and learning research for the countries' economic regarding the importance of engineering the fields of scientific research and technological development.

Conference Patronage

International Conference on Hydraulics and Pneumatics - HERVEX 2024 - is held

- with honorary support:
 - European Food Processor Convention (EFPC)
- with support:
 - European Ministry of Research, Innovation and Digitalisation (MRES)
 - National Professional Association of Hydraulics and Pneumatics in Romania (NUPHAR)

Conference Organizers

- Hydraulics and Pneumatics Research Institute, Bucharest, Romania (IRIH 2003-94)
- Advisory Committee of Conference and Industry, Romania (ACCI)

Conference Organizing Partners

- University of Science and Technology, Poland (USTP)
- EDMAC Institute of Mining Technology, Poland (EDMAC)
- The local University of Medicine in Cluj-Napoca, Romania (UMC)
- National Institute of Research & Development for Machines and Automations, Designed for Agriculture and Food Industry - IMAS Bucharest, Romania (IMAS)
- National University of Science and Technology Politehnica Bucharest, Romania (UNIBUC)
- Politehnica University of Timbuctoo, Romania (PT)
- Technical University of Cluj-Napoca, Romania (TUCN)
- Universite de Sici - University of Sicily, Romania (USIC)

Venue

Hotel Palatul***

In-Radio Carvea, Main Entry, Romania



Address:
Hotel Palatul
Strada Paraului nr. 117, Paraului B, 10000, Radio Carvea, Romania



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HERVEX 2024



Kula Giresun, Vahdettin Yavaşca, Rize/Trabzon
18-19 November ()

00 00 00



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18-19 November ()

00 00 00

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Rationale for the Hervex Conference

The year is a great opportunity for getting to know each other and to be motivated by the 2024 year after the completion of projects under 10000 Euro, National Programme and the scientific research team.

Getting knowledge about the advances and the new developments in the field of research.

Improvement of the scientific research community in the activities of international scientific community, on the other hand, the ability of the researchers to international scientific activity and for an international cooperation between research.


Following scientific progress in 21st generation and integration of the European Research Centre for European Research team.

Providing international scientific community of the scientific activities regarding the integration of engineering the results of scientific research and technological development.


Venue

Hotel Palace****




Kula Giresun, Vahdettin Yavaşca, Rize/Trabzon



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