



HERVEX 2023

| BAILE GOVORA |
| 8th – 10th NOVEMBER |

<http://hervex.ro>

PRELIMINARY PROGRAMME of

International Conference on Hydraulics, Pneumatics,
Sealing Elements, Precision Mechanics, Tools, Specific Electronic Equipment & Mechatronics
HERVEX 2023



**HERVEX 1993 - HERVEX 2023
CELEBRATING 30 YEARS TOGETHER!**

Wednesday, November 8	Thursday, November 9	Friday, November 10
<p>9⁰⁰-11⁰⁰ REGISTRATION OF PARTICIPANTS</p> <p>11⁰⁰-12⁰⁰ CONFERENCE OPENING WELCOME SPEECHES. PRESS CONFERENCE</p> <p>12⁰⁰- 13⁰⁰ - PRESENTATIONS FROM ORGANIZERS - INTERVENTIONS FROM PARTICIPANTS - "30 YEARS of HERVEX" Celebratory Speech</p> <p>13⁰⁰- 14⁰⁰ LUNCH</p> <p>14⁰⁰-16⁰⁰ WORKSHOP 1 MODERN HYDRAULIC DRIVES – TRENDS AND ACHIEVEMENTS Keynote Lecture – Speaker: K. Kędzia (Wroclaw University of Science and Technology)</p> <p>16⁰⁰- 18⁰⁰ FIRST REGULAR CONFERENCE SESSION FLUID POWER COMPONENTS AND SYSTEMS IN INDUSTRIAL HYDRAULICS</p> <p>18⁰⁰- 19⁰⁰ PANEL 1 ARTIFICIAL INTELLIGENCE IN MANUFACTURING PROCESSES – INTELLIGENT HYDRAULICS Keynote Lecture – Speaker: A. Gavrus (Institut National des Sciences Appliquées de Rennes)</p> <p>19⁰⁰- 20⁰⁰ DINNER</p>	<p>9⁰⁰-11⁰⁰ SECOND REGULAR CONFERENCE SESSION ENVIRONMENT AND RENEWABLE ENERGY</p> <p>11⁰⁰- 13⁰⁰ THIRD REGULAR CONFERENCE SESSION FLUID POWER SYSTEMS AND EQUIPMENT FOR MOBILE HYDRAULICS</p> <p>13⁰⁰- 14⁰⁰ LUNCH</p> <p>14⁰⁰- 16⁰⁰ PRESENTATIONS OF COMPANIES IN THE FLUID POWER SECTOR</p> <p>16⁰⁰- 18⁰⁰ PANEL 2 HYDRAULICS AND PNEUMATICS IN GREEN ENERGY - SOLUTIONS AND TECHNOLOGIES Keynote Lecture – Speaker: V. Dulgheru (Technical University of Moldova, Chisinau)</p> <p>18⁰⁰- 19⁰⁰ WORKSHOP 2 EDUCATION AND TRAINING IN FLUID POWER AND RENEWABLE ENERGY</p> <p>18⁰⁰- 19⁰⁰ HYDRAULICS AND PNEUMATICS CONTEST for young specialists</p> <p>19⁰⁰ – 21³⁰ GALA DINNER</p>	<p>9⁰⁰- 11⁰⁰ FOURTH REGULAR CONFERENCE SESSION FLUID POWER - LUBRICATION AND TRIBOLOGY</p> <p>11⁰⁰- 12³⁰ PANEL 3 EUROPEAN FUNDS - OPPORTUNITIES FOR INNOVATION AND TECHNOLOGY TRANSFER IN THE FIELD OF FLUID POWER</p> <p>12³⁰- 13⁰⁰ CONFERENCE CLOSING REMARKS</p> <p>13⁰⁰- 14⁰⁰ LUNCH</p> <p>14⁰⁰- 17⁰⁰ Working visit to WIPRO INFRASTRUCTURE ENGINEERING Râmnicu Vâlcea</p> <p>17⁰⁰- 19⁰⁰ Leisure time /// 14⁰⁰- 19⁰⁰ Sightseeing tour of the surrounding tourist attractions</p> <p>19⁰⁰- 20⁰⁰ DINNER</p>

Notă: În accepțiunea organizatorilor HERVEX 2023, termenii “sesiune de conferință”, “panel” și “workshop” din programul conferinței au următoarele semnificații:

/ **Note:** As seen by the organizers of HERVEX 2023, the terms “conference session”, “panel” and “workshop” on the conference programme have the following meanings:

> **Sesiune de conferință** – secțiune în cadrul căreia se prezintă materialele înscrise în program (și publicate ca articole în volum), pe parcursul a aprox. 15 min./ material; în final se discută materialele per ansamblu secțiune;

/ > **Conference session** – section in which there are presented the materials included in the programme (and published as papers in the conference proceedings), over a period of approx. 15 min / material; in the end there are debates on the materials per whole section;

> **Panel** – secțiune care presupune prezentarea de către moderatori a unor tematici de interes, sub forma unor materiale bine structurate; în final se pun întrebări și se poartă discuții pe respectivele tematici;

/ > **Panel** – section which consists in a presentation made by the chairmen on high interest topics, presented as fully structured materials; in the end there is a Q&A session and the topics in question are discussed;

> **Workshop** – secțiune care presupune numai analizarea prin discuții a tematicii propuse de moderatori; tematica poate fi reprezentată de materiale bine structurate sau numai idei generale.

/ > **Workshop** – section which consists exclusively in analyzing, through debates, the topic suggested by the chairmen; this topic can be represented by fully structured materials or only general ideas.