



HERVEX 2012

20th Edition | 7th-9th NOVEMBER |
CALIMANESTI – CACIULATA
www.hervex.eu

PROGRAMME of
International Conference and Exhibition of Hydraulics, Pneumatics, Sealing
Elements, Fine Mechanics, Tools, Specific Electronic Equipment & Mechatronics

HERVEX 2012

WEDNESDAY, NOVEMBER 7

9⁰⁰- 11⁰⁰
11⁰⁰- 12⁰⁰

**REGISTRATION OF PARTICIPANTS. CONCLUDING SETTLEMENT OF EXHIBITION
OFFICIAL OPENING. PRESS CONFERENCE ;
PRESENTATION OF COMPANIES – NEW PRODUCTS**

- *20 Years of HERVEX*
- New companies at HERVEX
- New products of companies in Hydraulics & Pneumatics

Chairmen:

PhD. Eng. Petrin DRUMEA – Manager of Hydraulics and Pneumatics Research Institute in Bucharest, ROMANIA / President of FLUIDAS Association, ROMANIA

Associate Professor PhD. Eng. Constantin RANEA - National Authority for Scientific Research, ROMANIA

Dipl.Eng. Valentin CISMARU – President of Chamber of Commerce and Industry Valcea, ROMANIA / Vice President of Romanian Chamber of Commerce and Industry, Bucharest, ROMANIA

Dipl.Eng. Gheorghe RIZOIU – General Manager of Chamber of Commerce and Industry Valcea, ROMANIA

PhD. Eng. Gabriela MATACHE – Hydraulics and Pneumatics Research Institute in Bucharest, ROMANIA

12⁰⁰- 14⁰⁰

PANEL 1

ELEMENTS OF STRATEGY AND INNOVATIVE POLICIES IN THE FIELD

Chairmen:

PhD. Eng. Henryk CHROSTOWSKI – Head of Hydraulic Machines and Systems Division -Institute of Machine Design and Operation -Wroclaw University of Technology, Poland / President of Corporation of Hydraulic and Pneumatic Drives and Controls -POLAND

PhD. Eng. Petrin DRUMEA – Manager of Hydraulics and Pneumatics Research Institute in Bucharest, Romania / President of FLUIDAS Association, ROMANIA

Associate Professor PhD. Eng. Constantin RANEA - National Authority for Scientific Research, ROMANIA

Prof. PhD.Eng. Nicolae VASILIU - Head of Hydraulic and Hydraulics Machines Department, “POLITEHNICA” University of Bucharest, ROMANIA

Invited Paper:

PhD. Eng. Henryk CHROSTOWSKI – Head of Hydraulic Machines and Systems Division -Institute of Machine Design and Operation -Wroclaw University of Technology, POLAND / President of Corporation of Hydraulic and Pneumatic Drives and Controls -POLAND

14⁰⁰- 15⁰⁰
15⁰⁰- 16⁰⁰

LUNCH

VISIT OF STANDS AND FUNCTIONAL DEMONSTRATION

Chairmen:

PhD.Eng. Iulian DUTU - Hydraulics and Pneumatics Research Institute in Bucharest, ROMANIA

PhD.Eng. Ioan LEPADATU –Hydraulics and Pneumatics Research Institute in Bucharest, ROMANIA

16⁰⁰- 18⁰⁰

Hall 1 – WORKSHOP 1

ENVIRONMENT, ECOLOGY AND RENEWABLE ENERGY

Chairmen:

PhD. Eng. Elmar DORGELOH – Manager of Development and Assessment Institute in Waste Water Technology at RWTH Aachen University, GERMANY

PhD. Eng. Ion PIRNA – General Manager - National Institute Of Research - Development for Machines and Installations Designed to Agriculture and Food Industry – INMA, Bucharest- ROMANIA

Dipl.Eng. Gheorghe RIZOIU – General Manager of Chamber of Commerce and Industry Valcea, ROMANIA

Associate Professor PhD. Eng. Pavel GORDELENCO - Technical University of Moldova-Republic of MOLDOVA

Invited Paper:

PhD. Eng. Elmar DORGELOH – Manager of Development and Assessment Institute in Waste Water Technology at RWTH Aachen University, GERMANY

Hall 2 – CONFERENCE 4

INNOVATION AND ADVANCED RESEARCH

- **Scientific Conference**
- **Inventors Club – WORKSHOP 2**

Chairmen:

Prof. PhD. Eng. Valeriu BANU – “POLITEHNICA” University of Bucharest / Technical Manager - SMC ROMANIA

Prof. PhD. Eng. Dan OPRUTA – Technical University of Cluj, ROMANIA

PhD.Eng. Adrian MIREA – General Manager - SC. GENERAL FLUID SA Bucuresti, ROMANIA

PhD. Eng. Catalin DUMITRESCU - Hydraulics and Pneumatics Research Institute in Bucharest, ROMANIA

18⁰⁰- 19⁰⁰

DINNER

9⁰⁰- 18⁰⁰

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HERVEX 2012

THURSDAY, NOVEMBER 8

9⁰⁰-11⁰⁰

CONFERENCE 1 MOBILE HYDRAULICS & TRIBOLOGY

Chairmen:

PhD. Eng. Krzysztof KEDZIA – Institute of Machine Design and Operation -Wroclaw University of Technology, POLAND

Prof. PhD. Eng. Ilare BORDEASU– POLITEHNICA University of Timisoara, ROMANIA

Prof. PhD. Eng. Ion DAVID – Dean of Faculty of Technological Machines -Technical University of Civil Engineering Bucharest, ROMANIA

PhD. Eng. Corneliu CRISTESCU –Hydraulics and Pneumatics Research Institute in Bucharest, ROMANIA

Invited Paper:

PhD. Eng. Krzysztof KEDZIA – Institute of Machine Design and Operation -Wroclaw University of Technology, POLAND

11⁰⁰- 11³⁰

COFFEE BREAK

11³⁰- 14⁰⁰

PANEL 2 MODERN TRENDS IN SPECIALIZED RESEARCH RESULTED FROM INTERNATIONAL CONFERENCES

Chairmen:

Univ.-Prof. Dr.-Ing. Hubertus MURRENHOF – Director of Institute for Fluid Power Drives and Controls – IFAS, Aachen, GERMANY

PhD. Eng. Petrin DRUMEA – Manager of Hydraulics and Pneumatics Research Institute in Bucharest, Romania / President of FLUIDAS Association, ROMANIA

Prof. PhD. Eng. Zygmunt DOMAGALA - Institute of Machine Design and Operation -Wroclaw University of Technology, POLAND

Lect. PhD. Eng. Andrei DRUMEA - “POLITEHNICA” University of Bucharest, ROMANIA

Invited Paper:

Univ.-Prof. Dr.-Ing. Hubertus MURRENHOF – Director of Institute for Fluid Power Drives and Controls – IFAS, Aachen, GERMANY

14⁰⁰- 15⁰⁰

LUNCH

15⁰⁰- 16⁰⁰

VISIT OF STANDS AND FUNCTIONAL DEMONSTRATION

Chairmen:

PhD.Eng. Iulian DUTU - Hydraulics and Pneumatics Research Institute in Bucharest, ROMANIA

PhD.Eng. Ioan LEPADATU –Hydraulics and Pneumatics Research Institute in Bucharest, ROMANIA

16⁰⁰- 18⁰⁰

Hall 1 - CONFERENCE 3

SCIENTIFIC PAPERS PRESENTED BY STUDENTS, MSc. STUDENTS, PhD. STUDENTS

Chairmen:

Prof. PhD. Eng. Mohamed HAJJAM - University of Poitiers - PPRIME Institute-FRANCE

Prof. PhD. Eng. Liviu VAIDA– Technical University of Cluj Napoca, ROMANIA

PhD. Eng. Costinel POPESCU - Hydraulics and Pneumatics Research Institute in Bucharest, ROMANIA

Prof. PhD. Eng. Valeriu DULGHERU - Technical University of Moldova - Republic of MOLDOVA

Hall 2 - CONTEST OF HYDRAULICS AND PNEUMATICS FOR STUDENTS AND YOUNG ENGINEERS

Chairmen:

Associate Professor PhD. Eng. Erol MURAD - “POLITEHNICA” University of Bucharest, ROMANIA

PhD. Eng. Eugen DOBANDA – Politehnica University from Timisoara, ROMANIA

Lect. PhD. Eng. Daniel BANYAI - Technical University of Cluj-Napoca, ROMANIA

Prof. PhD. Eng. Doru CALARASU - Technical University “Gheorghe Asachi”- Iasi, ROMANIA

18⁰⁰- 19⁰⁰

BROKERAGE & TECHNOLOGICAL TRANSFER

Chairmen:

Dipl.Eng. Gheorghe RIZOIU – General Manager of Chamber of Commerce and Industry Valcea, ROMANIA

Dipl. Eng. Gabriel VLADUT– General Manager of SC IPA - CIFATT –CRAIOVA SA, ROMANIA

Dipl. Eng. Alexandru RADU – General Manager - SC FESTO SRL ROMANIA

Valentin MIROIU - Hydraulics and Pneumatics Research Institute in Bucharest, ROMANIA

19⁰⁰- 21⁰⁰

FESTIVE DINNER

9⁰⁰- 18⁰⁰

EXHIBITION



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HERVEX 2012

FRIDAY, NOVEMBER 9

9⁰⁰- 11⁰⁰

CONFERENCE 2 INDUSTRIAL HYDRAULICS & MECHATRONICS

Chairmen:

Prof. PhD.Eng. Rudolf SCHEIDL - Institute of Machine Design and Hydraulic Drives / "Johannes Kepler" University of Linz, AUSTRIA

Prof. PhD.Eng. Pavel MACH – Technical University of Praga, CZECH REPUBLIC

Ian MORRIS – Director - British Fluid Power Association, BFPA, ENGLAND

Prof. PhD. Eng. Nicolae ALEXANDRESCU - "POLITEHNICA" University of Bucharest, ROMANIA

Prof. PhD. Eng. Alexandru MARIN– "POLITEHNICA" University of Bucharest, ROMANIA

Invited Paper:

Prof. PhD.Eng. Rudolf SCHEIDL - Institute of Machine Design and Hydraulic Drives / "Johannes Kepler" University of Linz, AUSTRIA

**11⁰⁰- 11³⁰
11³⁰- 13³⁰**

COFFEE BREAK

PANEL 3

EDUCATION AND QUALIFICATION IN FLUID POWER

- **Presenting the POSDRU Project – Improvement of the workers qualification from mechanical and hydraulic field**
- **CETOP Education Recommendations to provide competence based training in Romania.**

Chairmen:

John SAVAGE – Vice President CETOP – Education / BFPA Chairman Education and Training, ENGLAND

Prof. PhD.Eng. Karol Prikkel - University of Technology of Bratislava, SLOVAKIA

Associate Professor PhD. Eng. Constantin CHIRITA– Technical University "Gheorghe Asachi"- Iasi, ROMANIA

PhD. Eng. Gabriela MATACHE – Hydraulics and Pneumatics Research Institute in Bucharest, ROMANIA

Invited Paper:

Prof. PhD.Eng. Karol Prikkel - University of Technology of Bratislava, SLOVAKIA

14⁰⁰- 15³⁰

LUNCH

16⁰⁰ – 19⁰⁰

TRIP TO "OCNELE MARI" SALT MINE

19⁰⁰- 21⁰⁰

DINNER

9⁰⁰- 18⁰⁰

EXHIBITION

SATURDAY, NOVEMBER 10

10⁰⁰ – 16⁰⁰

EXCURSION TO VALCEA MONASTERIES

13⁰⁰ – 14⁰⁰

LUNCH (at one of the monasteries)