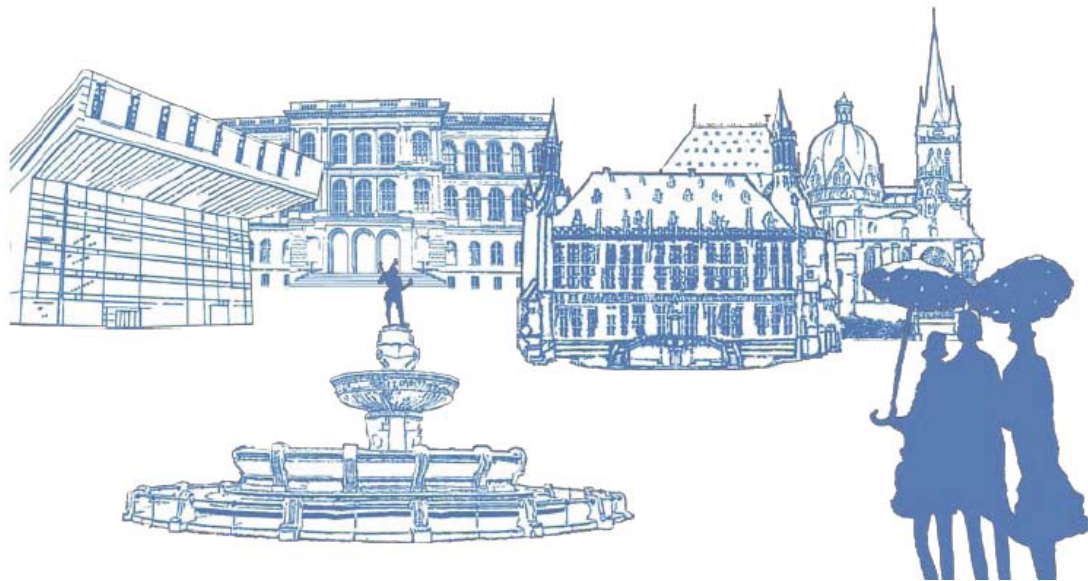


7th International Fluid Power Conference Aachen, GERMANY

„Efficiency through Fluid Power“

22 - 24 March 2010



Organized by:

IFAS Institute for
Fluid Power
Drives and
Controls
Prof. Dr.-Ing. H. Murrenhoff

RWTHAACHEN
UNIVERSITY

“The **7th International Conference on Fluid Power** (IFK) will be held in **Aachen** from 22 - 24 March 2010. It is one of the world’s most significant scientific conferences on fluid power and offers an ideal forum to users, manufacturers and scientists for the international exchange in the area of hydraulic and pneumatic drive and control systems.

The **Institute for Fluid Power Drives and Controls** (IFAS) at **RWTH Aachen** University and the **Institute of Fluid Power** (IFD) at **TU Dresden** organise this conference alternately every two years.

Fluid power provides the basis of drive and automation technology in mobile and industrial applications. It faces an ever-growing economical and environmental responsibility. Uncertain business conditions and a shortage of natural resources pose a challenge to topics such as energy efficiency and recovery. The upcoming tasks may be accomplished by further innovations in the whole field of fluid power. For this reason the motto of the 7th IFK is:

“Efficiency through Fluid Power” “



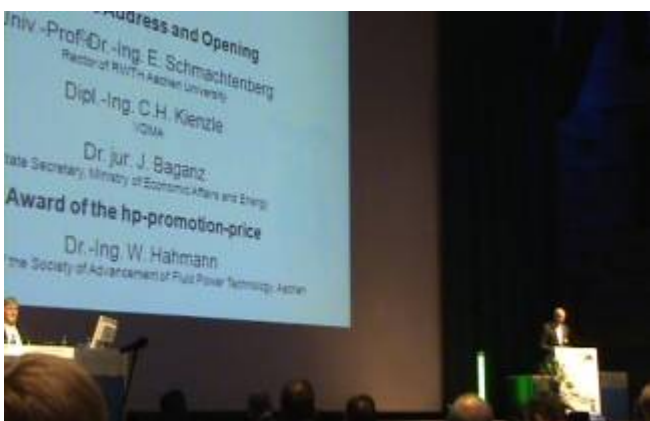
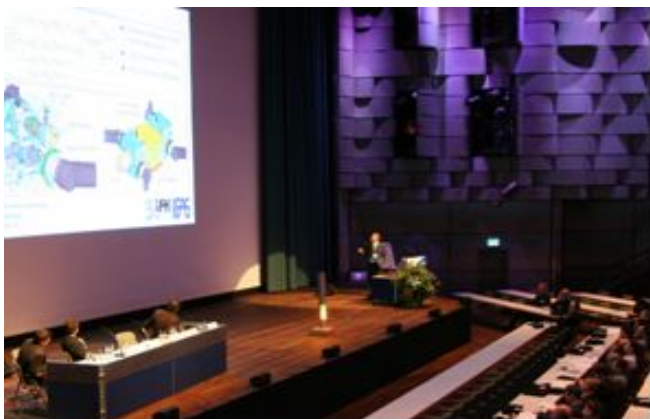
**Univ.-Prof. Dr.-Ing. H.
Murrenhoff**



Institute for Fluid Power Drives and Control-IFAS



WORKSHOP Place - RWTH Aachen University



CONFERENCE Place - Congress Centrum *EUROGRESS*

INOE 2009-IHP PARTICIPATION

- Ph.D. Eng. Corneliu CRISTESCU;
- Ph.D.St. Eng. Iulian DUTU.

The objectives of the IHP delegation

- Participation in Conference;
- Dissemination of research results of IHP by presenting the **4 articles**;
- Development of direct relationships for joint projects proposals, bilateral, or preparation of European consortia for projects proposals in FP7.

The papers presented:

1. *Theoretical and experimental research regarding the tribological behaviour of the mobile sealing used in the construction of the hydraulic cylinders.*
Authors: Ph.D. Petrin DRUMEA, Ph.D. Corneliu CRISTESCU, Ph.D St. Cătălin Dumitrescu.
2. *Hydraulic system for recovery kinetic energy from road motor vehicles in the braking phases.* **Authors:** Ph.D. Corneliu CRISTESCU, Mat. Eng. Radulescu Gabriel, Ph.D. St. Ioan Lepădatu
3. *Research activities regarding secondary and primary adjustment in fluid power system,*
Authors: Ph.D. Petrin DRUMEA, Ph.D. Teodor POPESCU, Ph.D. St. Marian BLEJAN, Eng. Danuț ROTARU.
4. *Dynamic Testing of Servohydraulic Equipment.*
Authors: Ph.D. Petrin DRUMEA, Ph.D. Mircea COMES, Ph.D. St. Iulian DUTU.



PhD.St. Eng. Iulian DUTU – Workshop Presentation of 4th Paper

The main contacts:



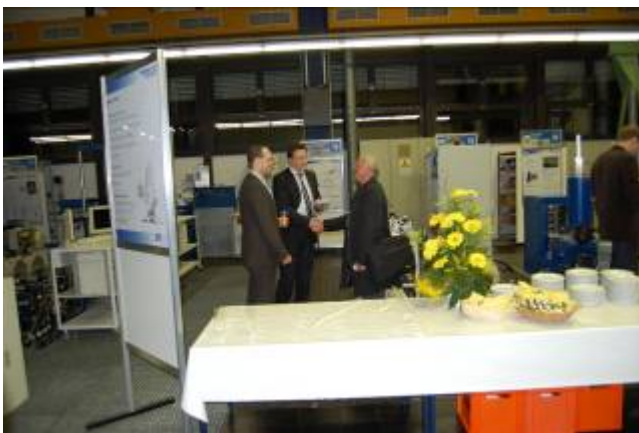
Univ.Prof. Dr. Ing.Hubertus MURRENHOFF – Executive Director of IFAS



Discussions with **Dipl. Ing. Norman BUGENER** at the stand of **Institute of Fluid Power - IFD** at Technical University Dresden



Dipl. Ing. C.H.KIENZLE – President of VDMA – GERMANY



Dipl.Ing. Marcell MEUSER – Chief Engineer of IFAS

IFAS Laboratories Visite



