



Region-8



IEEE R8 Power Chapters Technical & Leadership Joint Workshop

Locations: Budapest, Hungary
Zilina, Slovakia
Bratislava, Slovakia

Date: 21st -26th, May 2010.

Invited Distinguished Lecturer:

**Dr. S. Mark Halpin, Professor,
Auburn University, Auburn, AL, USA,
IEEE Fellow, IAS Past President**

Organised by:

IEEE R-8 Chapter Coordination Subcommittee
IEEE IAS Chapters and Membership Department

Hosted by

Hungary Section IAS/PELS Joint Chapter
IEEE Hungary Section IAS/PES Student Branch Chapter
IEEE Czechoslovakia Section IAS/IES Chapter

Local Organisers

Tamás Ruzsányi, R8 CCSC, IAS Chapters Area Chair R8, IEEE Hungary Section IAS/PELS Joint Chapter Chair

Valéria Hrabovcová, Professor, Zilina University, IEEE Czechoslovakia Section IAS/IES Chapter Chair

Richard Cselkó, Budapest University of Technology, IEEE Hungary Section IAS/PES Student Branch Joint Chapter Chair

Jakub Vonkomer, PhD Student, Slovak University of Technology, Bratislava, Slovakia

Supported by:

IEEE Region 8
IEEE Industry Applications Society
IEEE Hungary Section
IEEE Czechoslovakia Section



Budapest



Zilina



Bratislava

Preliminary Program

1. Technical Workshop: "Window to the future"

Venue: Budapest University of Technology and Economics, Hungary

Date & time: 9.00 am – 14.00 pm, 21st May 2010

Chair: Dr. Imre Rudas, Chair of IEEE Hungary Section

Invited lectures:

- **Intelligent Systems and their applications in mechatronics**
Dr. Imre Rudas, Professor, Rector of Obuda University, Budapest, Hungary,
Chair of IEEE Hungary Section
- **Alternative Energy Sources: Global Perspective and Power Quality Impacts**
Dr. S. Mark Halpin, Professor, Auburn University, Auburn, AL, USA
IEEE Fellow, IAS Past President, IAS Distinguish Lecturer
- **Renewing electrical technology**
Dr. István Vajda, Professor, Head of Department, Electric Power Engineering,
Budapest University of Technology and Economics, Hungary
- **Etho-robotics**
Dr. Péter Korondi, Professor, Budapest University of Technology and Economics,
Scientific Adviser, MTA Computer and Automation Research Institute, Budapest,
Hungary
- **Grid Tied PV and Wind Converters for Smart Grid and Embedded Power Parks**
Ernő Paál, Senior Technical Adviser, Hyundai Technology Centre, Budapest,
Hungary
- **Control of Solar Converters**
Dr. István Varjasi, Associate Professor, Dept of Automation and Applied
Informatics, Budapest University of Technology and Economics, Hungary

The participants are invited for lunch sponsored by the IEEE Hungary Section

Registration at Dr. Tamás Ruzsányi: tamas.ruzsanyi@ieee.org

2. ELEKTRO 2010 Conference

Venue: University of Zilina, Slovakia

<http://www.elektro.uniza.sk/elektro/?page=main>

Date: 24th – 25th May 2010

Program:

Plenary session of Conference opening

Time & date: 10.00 am, 24th May, 2010

Invited presentations:

- **Power quality implications of distributed / alternative energy options**
Dr. S. Mark Halpin, Professor, Auburn University, Auburn, AL, USA
IEEE Fellow, IAS Past President, IAS Distinguish Lecturer
- **Power Electronics for Photovoltaic Generation Systems**
Alfio Consoli, Professor, University of Catania, Italy, IEEE Fellow, IAS Distinguished Lecturer 2002-2003, Advisory Committee Member of the PELS
- **TBD**
Ivan Glesk, Professor, Electronic and Electrical Engineering Department, University of Strathclyde, Glasgow, United Kingdom

Afternoon session

Time & date: 2.00 pm, 24th May, 2010

Invited technical presentation:

- **Industrial power system analysis**
Dr. S. Mark Halpin, Professor, Auburn University, Auburn, AL, USA
IEEE Fellow, IAS Past President, IAS Distinguish Lecturer

IEEE Czechoslovakia Section IAS/IES Chapter meeting

Time & date: 5.00 pm, 24th May, 2010

- **Introduction of the newly established chapter**
Chapter Chair: Prof. Valéria Hrabovcová
- **IEEE and IAS Overview – Products and Services**
Dr.-Ing. Peter Magyar, Consultant, M&PP Consult – Control & Drives, Germany,
IEEE Fellow, IAS CMD Chair, R8 CCSC Chair
- **Chapter Coordination in Region 8 – Overview**
Dr.-Ing. Peter Magyar, Consultant, M&PP Consult – Control & Drives, Germany,
IEEE Fellow, IAS CMD Chair, R8 CCSC Chair
- **Presentation of Senior Membership Award**
Dr. S. Mark Halpin, Professor, Auburn University, Auburn, AL, USA
IEEE Fellow, IAS Past President, IAS Distinguish Lecturer

Plenary session, 25th May, 2010

Time: 09.00 am

- **Satellite Communications - Challenges and Developments**
Otto Koudelka, Professor, Head of the Institute of Communications Networks and Satellite Communications at Graz University of Technology, Austria, Head of the Institute of Applied Systems Technology (Joanneum Research)

**For full program of the Elektro 2010 Conference please visit www.elektro.uniza.sk
Registration at Prof. Valéria Hrabovcová: valeria.hrabovcova@fel.uniza.sk**

3. IEEE Seminar in Bratislava

Venue: Slovak University of Technology, Bratislava, Slovakia
Time & Date: 10.00 am, 26th May 2010

Program:

- **Invited technical presentation:**
Power quality implications of distributed / alternative energy options
Dr. S. Mark Halpin, Professor, Auburn University, Auburn, AL, USA
IEEE Fellow, IAS Past President, IAS Distinguish Lecturer

- **Introduction of the new IAS Student Branch Chapter**

- **Forum**
The IEEE members of the Slovak University of Technology ask -
The R8 & IAS Representatives answer
The Forum is moderated by Péter Magyar, R8 CCSC & IAS CMD Chair

The participants are invited for lunch sponsored by IEEE IAS

Registration at Jakub Vonkomer: jvonkomer@ieee.org