

**Dear IEEE HS member,
Dear reader,**

The new governance of IEEE HS made an initiative to publish regularly a media about IEEE HS related infos and news. You are keeping in your hand the first issue of IEEE HS Newsletter. I hope this way if the information dissemination fits to your time, work and needs. If you have any common news, information or opinion, please let us know.

Peter Kadar
Vice chair, Editor in Chief



On 17th of December 2008 the general assembly of IEEE Hungarian Section held election. The new management of IEEE HS for years 2009-2010 is:

Chair: **Imre Rudas**
Vice chair: **Peter Kadar**
Secretary & treasurer: **Gabor Szederkényi**



Hungary Section Chairman's Message 2009

Dear IEEE Hungary Section Members,
Dear Colleagues, Friends,

On behalf of the newly elected Executive Committee it is my great pleasure to greet all the members of IEEE Hungary Section.

2009 is a special year in our IEEE life, the IEEE Community celebrates the IEEE 125 Anniversary. On this occasion let me quote the IEEE web site



"Who is IEEE?"

The IEEE is the world's largest technical professional association. Through its more than 375,000 members in 160 countries, the organization, its members, its volunteers and its associates have made a difference in everyday life.

IEEE is a leading authority on a wide variety of technical areas ranging from biomedical engineering, clocks, telecommunications, computing and

robotics to power, software, consumer electronics and defense.

Dedicated to the advancement of technology, IEEE:

- ◆ *Publishes about 30 percent of the world's literature in the electrical and electronics engineering and computer science fields*
- ◆ *Leads the development of international standards that support many of today's products and services - with an active portfolio of nearly 1,300 standards and projects under development*
- ◆ *Sponsors or cosponsors more than 850 conferences worldwide where the latest technology advancements are unveiled*
- ◆ *Provides a forum for professionals to interact, collaborate and generate new ideas and concepts that will change the world*

Why Celebrate IEEE's 125th?

By celebrating this milestone anniversary, you honor the countless contributions that IEEE members and the technology profession have made that have changed the world, and support the development of future technologies that will benefit humanity.

Get involved in IEEE's 125th Anniversary Celebration and take advantage of the opportunity to be a part of something special! By celebrating with us you'll be able to

see what your colleagues are doing, take advantage of excellent networking opportunities and participate in something truly unforgettable.”

The IEEE Hungary Section as one of the 56 Sections in Region 8 was formed in 1987, so now we are stepping into the twenty two year of services to local members.

Currently, we have total 356 active members, including 12 Fellows, 3 Life Fellows, 28 Senior Members, Life Senior 2, Life Member 1.

In IEEE, there are currently a total of 38 societies responsible for the technical activities that represent the current interests in electrical and electronic engineering, computer science. The members of the HS are members of 34 different societies.

In Hungary, we have 10 chapters or joint chapters to organizing activities in their area of interests. Activities are open to all members regardless of technical society or group affiliations.

Your IEEE membership gets you connected to the world and helps you to follow closely the progress in electrical and electronic engineering, computer science and some fastest expanding areas of technology. In the coming months, we will have conferences, seminars, lectures, technical and non-technical activities to help you to brush up new development and build up your network.

For scientific conferences IEEE sponsorship can be provided by

Hungary Section in cooperation with Hungary Chapters, if the conference could be met with the conference requirements of IEEE. The sponsorship could provide inclusion of proceedings in IEEEExplore.

In order to promote the publication of good quality papers Hungary Section supports as a Co-editor the peer reviewed Scientific Journal “Acta Polytechnics Hungarica”. The Journal has been selected for coverage in Thomson Reuters products and custom information services. This publication is indexed and abstracted in:

- Science Citation Index Expanded (also known as SciSearch®), and
- Journal Citation Reports/Science Edition.

In organizing any activities within the frame of Hungary Section your participation is the most important factor which motivates us. You are encouraged to join our activities whenever you can; the section welcomes your suggestion. If you have any further suggestions, ideas regarding any activities, please feel free to contact us.

It is my great honor to serve as the 2009-2010 Chair of the Hungary Section. The success of our Section is based on the voluntary service, dedication, devotion and great efforts of our predecessors, officers of the section and chapters and of course your participation. I would like to thank you for all your contributions to our community.

On behalf of the Section Executive Committee, I wish fruitful work for the next period.

Imre Rudas

Chair, IEEE Hungary Section, 2009



New vice chair

Kadar, Peter received Power Eng. Diploma at Technical University of Budapest 1987; PhD 1994; MBA at Open University, UK. He works in the area of the Power System control and renewable energy. He is a lecturer of Budapest Tech, Power System Department. Member of MEE since 1985, NJSZT since 1990, of IEEE since 1992 and CIGRÉ. Member of organising committees of conferences. Treasurer of IEEE HS in 2003-2004, Secretary of HS 2005-2008.



New secretary – treasurer



Gábor Szederkényi received his M.Eng. degree in information technology and his Ph.D. degree in information science from the

University of Veszprém, Hungary, in 1998 and 2002, respectively. Currently, he is a senior researcher at the Process Control Research Group of the Computer and Automation Research Institute of the Hungarian Academy of Sciences. His research interests include the analysis, control and identification of nonlinear dynamical systems. He is a member of the IEEE Industrial Electronics Society.



IEEE president visit in Hungary

IEEE president John Vig visited Hungary with J. Roberto B. de Marca (IEEE Vice President, Technical

Activities, 2008). He opened the IEEE

Wireless Communications & Networking Conference (WCNC - April 5-8, 2009 – Budapest, co-organized by HTE).

After the opening ceremony of WCNC he visited Budapest Tech. President Vig, Imre Rudas IEEE HS president and István Kocsi, president of MATE signed the 3 year contract about the co-operation MATE and IEEE. IEEE has similar agreement with other MTESZ sister associations too as MEE and NJSZT. Before the lunch Peter Kadar introduced the IEEE HS structure, chapters and its activities.



Signature ceremony



Student Branch Meeting

IEEE Hungarian Student Branch and the “College of Young Powers Engineers” organized a technical meeting about the perspectives of IEEE Students. The event was held at Technical University Budapest on 31st March 2009. IEEE HS chair Imre Rudas held a presentation about the ‘Singularity’. Peter Kadar vice chair introduced the organization of IEEE HS.



IYCE 2009 conference

Students’ Association of Energetics of the Budapest University of Technology and Economics (BME) wishes to introduce you the „2nd International Youth Conference on Energetics”, that is to be held from 4th June until 6th June, 2009 in Budapest, Hungary.

With the international, English language conference, we would like to provide opportunity for young researchers (PhD students and other young professionals) to present their work in any of the fields related to energetics, and support them in making new contacts. Location of the conference will be the campus of BME. Conference program will also include several social programs and also an optional trip to some of the most renowned sights of Hungary.

The conference will be supported by international organizations, such as AEE, Cigré and IEEE. Honorary Chair of the conference will be Gábor Péceli, Rector of the University, István Krómer, Past Chairman of IEEE Hungary Section, Jean Kowal, Secretary General of Cigré, Joseph Safieh, President of ENEN, Larry Good, Director of AEE International Member Development, Dr. Jozef Modelski, Director of IEEE Region 8, Péter Magyar, Chair of IEEE IAS Chapters and Membership Development Department. Co-Chairs will be Antal Penninger, Gyula Gróf, Gábor Stépán, István Vajda and László Vajta, Professors of Budapest University of Technology and Economics, and Rami Al Mushcab, Vice Chair of IEEE R8 Technical Activities. Best selected papers will also be published in a special issue of Periodica Polytechnica. To ensure the high professional standard of the conference, submitted papers will be evaluated and selected by renowned Hungarian and international professionals of each topic.

Balint Nemeth

Chair of Local Organizing Committee



The Hungarian IEEE IAS & PES Societies form a student Branch chapter in HUNGARY. The approval procedure is going on.



On 1-3 May a 24 hour international programming championship has been

held at Technical University Budapest. IEEE HS sponsored the event.



ANNOUNCEMENT



M Ű E G Y E T E M 1 7 8 2

Dear Colleagues and Students,

The Department of Telecommunications (HIT) is pleased to announce a new seminar series:

Advances in Telecommunications, Networking and Computing

Our department intends to invite **prominent foreign researchers from academia and industry** to give lectures on the most recent developments in the fields of Telecommunications, Networking and Computing. The lectures will be given in English and they will be **open to ALL partners, colleagues, PhD students, and students** of the Faculty of Electrical Engineering and Informatics. There is no fixed schedule for the seminar, but the lectures will be organized based on the availability of the invited lecturers, and they will be announced via various mailing lists. In addition, slides and up-to-date information on the program will be available at the web site of the seminar:

<http://www.hit.bme.hu/~buttyan/atnc/>

We hope to see many of you at the lectures of this new seminar series which provides unique opportunities to meet internationally recognized leading experts of the fields of Telecommunications, Networking, and Computing!

Budapest, February 23, 2009.

Dr Levente Buttyán Dr Sándor Imre
Associate Professor Professor
Program Chair



AWARD

Dr. Tamas Ruzsanyi, the head of IEEE HS IAS Chapter, Director of Developments of Ganz–Škoda Electric Zrt. specialist of industrial drives, holder of patents

received the award 'Anyos Jedlik'. In the ceremony speech was held by Miklós Bendzsel (chair of MSZH), István Kolber (state secretary) and Dénes Dudits (vice chair of Hungarian Academy of Sciences).



Call for papers

SISY 2009

**7th INTERNATIONAL SYMPOSIUM
ON INTELLIGENT SYSTEMS and
INFORMATICS**

September 25-26, 2009

Subotica, Serbia

Organizers

Budapest Tech (Hungary)
Subotica Tech (Serbia)

University of Novi Sad (Serbia)

Sponsors

Hungarian Fuzzy Association
(Hungary)
IEEE SMC Chapter (Hungary)
IEEE CI Chapter (Hungary)
IEEE IES and RAS Chapters
(Hungary)

Technical Co-Sponsors

IEEE SMC Society
Vojvodina Academy of Sciences and
Arts (Serbia)
Ministry of Sciences and Ecology of
Serbia (Serbia)
IEEE CI Chapter (Serbia)

Venue

The symposium will be held at Subotica
Tech, Serbia.



Awarded of 2009: dr Péter Szendrő, dr. Kornél Kovács, Ágnes Vadász, dr. Tamás Ruzsányi, Béla Karácsonyi

Picture: <http://infovilag.hu/hir-14231-jedlik-dijak-talalmanyokert-es-az.html>

Language

The official language of the symposium is English.

Submission of Papers

There are invited and regular papers. All paper submission is processed through conference website. Papers sent by e-mail are not acceptable.

Instructions for Authors

The format of the final manuscript can be found on the web site of SISY 2009 (<http://www.bmf.hu/conferences/sisy2009>).

Registration

The registration fee is EUR 250, but if you are a weak currency country, you can apply for partly or fully reduced registration fee, please contact Prof. Imre J. Rudas (rudas@bmf.hu).

Author's Schedule

Deadline for submission of papers:
July 15, 2009
Notification of acceptance:
August 1, 2009
Final manuscript submission:
September 5, 2009

Topics

Computational Intelligence: Machine Learning, Genetic Algorithms, Neural Nets, Fuzzy Systems, Fuzzy and Neuro-Fuzzy Control, Knowledge Based Systems, Expert Systems.

Intelligent Robotics: Control, Flexible Arm Control, Perception and

Recognition, Reasoning, Learning, Robotic Systems, Human-Robotic Interaction, Service Robots, Surgery Robots, Machine Vision.

Intelligent Mechatronics: Sensing and Sensor Data Fusion, Motion Control, Intelligent Actuators.

CAD/CAM/CAE Systems: Product Modeling, Manufacturing Process Planning, Advanced Modeling Techniques, Shape Modeling.

Intelligent Manufacturing Systems: Flexible Manufacturing Systems, Production Planning and Scheduling, System Simulation, Rapid Prototyping, Concurrent Engineering, Virtual Reality.

Informatics: The Web, Business & Digital Culture, Databases, Design & Graphics, Digital Audio, Video and Photography, Hardware, Home & Office, Networking & Sys Admin, Operating Systems, programming, Science & Math, Security Software Engineering, Healthcare Informatics, Teaching Informatics, Informatics in education process

Secretary General

Anikó Szakál, Budapest Tech,
E-mail: szakal@bmf.hu



Assistant treasurer

Ms Anikó Szakál helps the IEEE HS in this year as assistant treasurer. She graduated at Budapest Polytechnic in

2000 in the field of information technology and teaching. She worked for Budapest Polytechnic, John von Neumann Faculty of Informatics as Head of Dean's Office in 2000-2002. Other activities: from 2002 Budapest Polytechnic, Rector's Office, official in charge for international relations; volunteer from 1996: IEEE Hungary Section; HS treasurer in 2001-2002, and 2005-2008; Hungarian Fuzzy Association secretary; RA and IES IEEE Chapter secretary.



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