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IEEE HS General assembly

On 2nd of November 2010 was held the general assembly of IEEE HS to elect the officers for period 2011-2012.

Prof. Imre Rudas reported about years 2009-2010. Prof. István Krómer, past chair introduced the candidates for the next years. By his recommendation the recently functioning persons was elected by the assembly. For the next period Prof. Dr. Imre Rudas Imre is the chair, Dr. Peter Kádár and Prof. Dr. István Vajda are vice chairs, Gábor Szederkényi is the secretary and Anikó Szakál is the treasurer. Finally life senior member Dr. György Gergely recommended to organize a memorial event in 2011 for the 10th anniversary of death of scientist Prof. Karoly Simonyi Károlyról. Prof. Rudas promised to make preparations and the assembly was closed.



TEP Workshop in Hungary

Following the successful TEP initiative in Russia in the last year, at 18th of June, 2010 in Budapest, Hungary, Óbuda University hosted *IEEE HS Technical English Program Workshop*. Prof. Imre Rudas, rector of Óbuda University, chair of IEEE HS welcomed the event. Students become aware of the benefit of their English knowledge, they got

encouragement to use and develop the existing English practice. The exercise solution was organized into 4 groups, each group has been moderated by a volunteer. The oral result presentation was evaluated by the other groups. In the first block some math-, comprehension exercises and advanced algebraic examples were solved. Peter Kadar IEEE HS vice chair presented the benefits and opportunities of IEEE, Peter Farkas from Slovakia introduced the IEEE Czechoslovakia Section. In the "black box" exercise the task is to imagine how a "machine" should work



with given in- and output. The student designed the main modules of the "box", explained the operation itself, what is happening "inside the box" and drew a block diagram of the process. In the "business" exercise the groups are divided in two parts. The "sellers" proposed the defined service by listing arguments. The potential "buyers" had to find arguments against purchasing the service. The "pros" and "cons" was presented in the form of a free conversation between the two groups. The participants received certificate

about the participation. In the feedback all the student welcomed the possibility of use their English, some of them liked more technical presentations too.

Peter Kadar



IEEE day at Széchenyi István University in Győr

IEEE Day is a global event planned for 7 October 2010, in recognition of IEEE members — past, present and future — on the anniversary of the first time IEEE members gathered to share their technical ideas in 1884. This is the year when the American Institute of Electrical Engineers (AIEE) was founded among others Edison, Bell and Green (Western Union). In 1912 was formed the Institute of Radio Engineers (IRE). AIEE and IRE merged in 1963 and since that called IEEE.

The commemorative IEEE day was held on 12th of October 2010 at Széchenyi István University in Győr, Hungary.

After the greeting of the participants professor Laszló Kóczy, the dean of the engineering faculty introduced the Széchenyi University. It was followed by the presentation of HS Vice Chair Peter Kadar about the Hungarian Section. The precedent establishing presentation of the „Prominent scientist of IEEE HS” series was held by professor Dr. József Bokor, member of the Hungarian Academy of Science. His topic was “From the hyperbolic geometry to the system dynamic”. Adam Zatik, member of IEEE HS Student Branch Chapter summarized his experiences about „Advantages of being IEEE member”. The event was followed by a reception.



CHAPTER NEWS

Instrumentation and Measurement Society & Engineering in Medicine and Biology Society Chapter

Members of the joint chapter in 2010 is 35. In this year the following activity was performed:

- PhD Minisymposium at Dept. Measurement and Information Systems Budapest University of Technology and Economics on 02/01/2010. György Dancsi held presentation about Asynchronous Sample Rate Converter for Class-D Digital Audio Amplifier and Sándor Juhász about Preprocessing for Lung Contour Detection.
- Professional Lecture Series of the Dept. Measurement and Information Systems on 03/17/2010. Károly Molnár presented about the Dynamic Railway Diagnostic Systems.

For the next year a PhD Minisymposium at Dept. Measurement and Information Systems Budapest University of Technology and Economics Meeting Date: Feb 2011 is planned. For the technical event more than 25 members and 20 guests are expected.



Joint Chapter of AP/ComSoc/ED/MTT Societies

In this period our main activity was took part in the organization of 4 workshops. The “New methods of optical and microwave communications” workshop

was held on February 24 and 7 papers were presented. The next workshop entitled "Wireless communication" with 8 speakers was held on March 17. The "Antenna systems and microwave remote sensing" workshop was combined with a small exhibition in April 14. Finally the "Application of electromagnetic theory" workshop was held on May 12. 7 papers were presented in this special field. On the other hand the chapter organized 2 Hungarian technical meetings and 1 invited lecture. The invited IEEE Communications Society distinguished lecturer's visit was held on August 31, 2010. Professor Javan Erfanian from Toronto, Canada presented a lecture entitled "Future of Wireless Experience, Technologies & Research".



CIS Hungarian Chapter

During 2010, the CIS Hungarian Chapter was and will be active on the field of organizing local and international conferences and scientific symposia in the field of computational intelligence, as follows:

- 8th International Symposium on Applied Machine Intelligence and Informatics (SAMI 2010) January 28-30, 2010, Herl'any, Slovakia

- International Symposium in Memoriam Wolfgang Ernst Pauli (Pauli 2010) April 23, 2010, Budapest, Hungary
- 14th IEEE International Conference on Intelligent Engineering Systems (INES 2010) May 5-7, 2010, Las Palmas of Gran Canaria
- IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics (ICCC-CONTI 2010) May 27-29, 2010, Timisoara, Romania
- 8th IEEE International Symposium on Intelligent Systems and Informatics (SISY 2010) September 10-11, 2010, Subotica, Serbia

11th IEEE International Symposium on Computational Intelligence and Informatics (CINTI 2010) November 18-20, 2010, Budapest, Hungary



Joint Chapter of Industrial Electronics and Robotics and Automation Societies

The activities of the IEEE Hungary Section Joint Chapter of Industrial Electronics and Robotics and Automation Societies are concentrated on the participation in organizing international conferences of regional and wider interests. These conferencer educational institutions in Hungary,

Slovakia, Romania, Serbia and other countries of Region 8.

We finished the organization of the following conferences:

- 19th International Workshop on Robotics in Alpe-Adria-Danube Region, June 23-27, 2010 in Budapest and Balatonfüred, Hungary
- IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics (ICCC-CONTI 2010) to be held on May 27-29, 2010 in Timisoara, Romania [<http://conf.uni-obuda.hu/iccc-conti2010/>]

We participated on

- 14th IEEE International Conference on Intelligent Engineering Systems 2010 (INES 2010) and 8th IEEE International Symposium on Applied Machine Intelligence and Informatics January 28-30, 2010 Herl'any, Slovakia.
- We prepared 12th International Symposium of Hungarian Researchers on Computational Intelligence and Informatics to be held on November 2011 in Budapest, Hungary,
- 9th IEEE International Symposium on Intelligent Systems and Informatics (SISY

2011) to be held on September 8-10, 2011 in Subotica, Serbia.

- 15th IEEE International Conference on Intelligent Engineering Systems 2011, June 23-25, 2011, AquaCity, Poprad, Slovakia
- 6th IEEE International Symposium on Applied Computational Intelligence and Informatics (SACI 2011) to be held on May 19-21, 2011 in Timisoara, Romania
- 9th IEEE International Symposium on Applied Machine Intelligence and Informatics (SAMi 2011) to be held on January 27-29, 2011 in Smolenice, Slovakia [http://conf.uni-obuda.hu/sami2011/]



IEEE SMCS Hungary Section Chapter

- *31 August 2009*: IEEE SMCS Distinguished Lecture Program. Lecturer: Hideyuki TAKAGI, Kyushu University, Japan. Title of lecture: Humanized Computational Intelligence with Interactive Evolutionary Computation, Venue: Budapest Tech

- *September 25-26, 2009*: 7th International Symposium on Intelligent Systems and Informatics, Subotica, Serbia, Co-organization of the conference.
- *October 11-14, 2009*: 2009 IEEE International Conference on Systems, Man, and Cybernetics, San Antonio, Texas, USA. Program Committee Member: Imre J. Rudas and László Horváth
- *November 2, 2009*: IEEE HS chapter chair meeting.
- *November 12-14, 2009*: 10th International Symposium of Hungarian Researchers on Computational Intelligence and Informatics, Budapest, Hungary. Co-organization of the conference.
- *November 26-29, 2009*: 7th IEEE International Conference on Computational Cybernetics, Palma de Mallorca, Spain. Co-organization of the conference.
- *May 5-7, 2010*: 14th IEEE International Conference on Intelligent Engineering Systems 2010, Canary Islands, Spain. Co-organization of the conference.
- *May 27-29, 2010*: International Joint Conferences on Applied Intelligent Engineering and Technical Informatics,

Timisoara, Romania. Co-organization of the conference.



IEEE Hungary Section IAS/PELS Joint Chapter

The chapter organised two technical workshops in 2010.

1. CERiS'10, Workshop on Cognitive and Eto-Robotics in iSpace
 - 09-10/ 03/ 2010, 65 participants from Hungary and abroad
 - The two sessions are: iSpace session with 6 speakers from Japan, Croatia and Hungary and Eto-com session: 4 speakers from Hungary
 2. "Window to the future" International workshop on Power
 - 21/ 05/ 2010, 43 participants from Hungary and abroad
 - Organised in collaboration with BUTE IAS/PES Student Branch Chapter
 - Invited speaker: Dr. S. Mark Halpin, IEEE Past president, Fellow,
 - 5 presentations by Hungarian researcher from Universities and Industries
- Upcoming event: 11/11/2010
- Efficient utilisation of the renewable energy.

- Symposium in cooperation with the BUTE IAS/PES Student Branch Chapter



The 95th Region 8 Committee Meeting

The 95th Region 8 Committee Meeting was held in Prague, Czech Republic from the 8th to the 10th of October 2010, following the invitation of the Czechoslovakia Section.

The honorary guests of the meeting were IEEE President-Elect Moshe Kam, IEEE Past President John Vig, VP Educational Activities Tariq Durrani, Executive Director & COO of IEEE James Prendergast, and Region 10 Director Yong-Jin Park.

IEEE Region 8 Director Jozef Modelski gave a presentation on Region 8, giving an account of the key events that happened in our Region these past months, explaining the strengths and the opportunities of our Region and giving the future events coming up. On Friday night October 8th the award ceremony took place where some awards were given and a surprise cake was presented by the Czechoslovakia Section to celebrate IEEE day.

IEEE R8 News



INES 2010 Conference

Óbuda University, Budapest (Hungary) in cooperation with University of Las Palmas de Gran Canaria (Spain) and Wroclaw University of Technology (Poland) organized the 14th IEEE International Conference on Intelligent Engineering Systems (INES 2010) in Elder Museum in Las Palmas de Gran Canaria, on May 5-7, 2010. The event was sponsored by IEEE Computational Intelligence Chapter, IEEE Joint Chapter of IES and RAS and IEEE SMC Chapter, Hungary. The INES Founding Honorary Chair is Imre J. Rudas, Óbuda University Budapest, Hungary.

The aim of INES 2010 was to offer researchers an opportunity to extend the existing scientific relationships in the field of Artificial Intelligence in Engineering: Reasoning, Learning, Decision Making, Knowledge Based Systems, Expert Systems, CAD/CAM/CAE Systems: Product Modeling, Shape Modeling, Manufacturing Process Planning Communications Software and Systems in Engineering: Design Methodologies and Tools, Object-oriented, UML, Software Engineering, Computational Intelligence in Engineering: Machine Learning, Genetic Algorithms, Neural Nets and Fuzzy Systems.

The conference was opened by Prof Dr. José Regidor Garcia, Rector of University of Las Palmas of Gran Canaria, and three plenary talks

highlighted the event. „Evolving, Training and Designing Neural Network Ensembles” was presented by Xin Yao, University of Birmingham, UK, „On a Consistent Fuzzy Operator System” by József Dombi, University of Szeged, Hungary, furthermore „New Trends in Optimization” by Czeslaw Smutnicki, Wroclaw University of Technology, Poland.



General Chairs of INES 2010: Carmen Paz Suárez Araujo, Univ. of Las Palmas de G. C., Spain; Ryszard Klempous, Wroclaw University of Technology, Poland; János Fodor, Óbuda University, Budapest, Hungary

The conference was a great success; more than one hundred people participated on the oral and poster sessions from more than 10 countries. The papers were included into the CD proceedings, and IEEE Xplore database. The goal was to provide platform for scientists, teachers, researchers and students as well to publish their papers, and discuss their results.

Rita Lovassy
secretary CIS IEEE HS chapter

Portrait of Janos Barsai

Janos Barsai is one of the most senior member of the Hungarian Section who joined to the IEEE in the year 1972. He is a Life Senior Member.

He was born in Budapest on August 21, 1929. He finished high school run by Piarist fathers in Budapest. He graduated from the Faculty of Electrical Engineering at the Technical University in Budapest as M.Sc.El.Eng in 1951 and from the University of Economy in Budapest as Business Administration in 1959. After his graduation he entered to Röntgen Ltd.Co. (formerly Ungarische Siemens-Reiniger Werkes). In 1956 the company was re-named Medikor X-Ray Co., he became the head of the development department in 1959. They presented new medical X-Ray equipment during the International Radiological Congress in Munich in 1959. Medikor X-ray Co. delivered medical (and industrial) X-Ray equipment over the world. He was an invited lecturer at the Faculty of Electrical Engineering of the Budapest Technical University between 1966-71.

He was the director of the Medikor office and technical staff in Cairo (Egypt) between 1961-1965, in Toronto between 1971-1975 and he was the president of Medikor USA Ltd. (assembly work of Hungarian and USA made items) in Columbus, Ohio between 1978-1982. He was the

technical director of Amed Int'l Corp. in Coral Gables (Florida) between 1984-86, supplying medical equipment over the world. He became the member of IEEE in Toronto, Canada in 1972.

He made several publications in Hungarian and International professional periodicals (Medicor News, Elektrotechnika, Hungarian Radiological Proceedings, IEEE Spectrum etc.). He delivered several lectures at Hungarian and International professional meetings (Budapest, Toronto, St. Louis, Debrecen, Miskolc, Magdeburg, Cracow, etc.). He had several innovations patented in Hungary, Canada and in the USA (No.3,994,563). This was a unique X-ray equipment and an evaluation device for radiographs used either in medical or industrial field.



The honorary doctor Janos Barsai of Yorker International University European Division, in palace Borghese in Florence, Italy on 14th June, 2009

He is the honorary chairman of the Hungarian National Committee to IEC TC 62 (International Electrotechnical Commission Technical Committee 62, Electrical Equipment in Medical Practice) and CENELEC TC 62 (European Committee for Electrotechnical Standardization, Technical Committee 62) He has been working with EC TC 62 since 1969 and I took part in several meetings in Paris, London, Eindhoven, Washington D.C., Toronto, Firenze, Frankfurt, Moscow, etc. He organized an IEC TC 62 meeting in Budapest in 1986. I am still very active in this field.

He received Honorary Doctorate of Engineering from The Yorker International University (USA) on June 14, 2009.

He is a member in the following professional societies:

- Hungarian Academy of Engineering, Budapest
- Hungarian Electrotechnical Association, Budapest
- Hungarian Scientific Society for Measurement, Automation and Informatics, Budapest
- Hungarian Chamber of Engineering, Budapest
- National Society for Medical Engineering, Budapest
- National Society of Professional Engineers (NSPE), Washington D.C

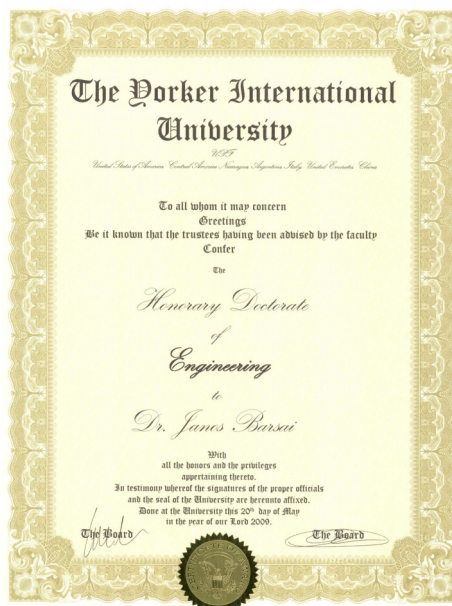
- Florida Engineering Society (FES), Tallahassee, Florida (P.E.)
- Life Senior Member of the Institute of Electrical and Electronics Engineers, IEEE, New York
- The New York Academy of Sciences
- Professional Engineers of Ontario (PEO), Toronto (P.Eng.)
- Canadian Medical and Biological Engineering Society, Ottawa

Awards:

- from the Hungarian Government, from the Ministry of Industry,
- from the Ministry of Health
- honorary doctor of Yorker International University

Mr. Barsai appointed that his IEEE membership has made wider his knowledge about the new electrical technologies and standards developed in the USA and over the world, which have been useful to his professional work. He have received excellent technical periodicals. During the professional meetings he has got new information and have made new friendships. These connections are very important.

IEEE HS wish health and many fruitful years to honorary doctor Janos Barsai.



The honorary diploma



Lecture organized by the BME IAS/PES Student Branch Chapter

Current issues of the extension of the European continent synchronous area

The IEEE Budapest University of Technology & Economics Joint Student Branch Chapter of the Industry Applications and the Power & Energy Societies (www.eszk.org) organized a lecture on October 28, 2010 to inform the professional community about the current issues of the extension of the European continent's synchronous area. The presentation was given by

Mr. László Galambos, Head of Intersystem Co-operation Department of MAVIR Hungarian Transmission System Operator Company Ltd.

With the development of the power systems the benefits of cooperation can be quickly realized. These are reduced power reserves and decreased difference between peak and base loads. These benefits can be achieved especially in large, continent-sized power systems. The European synchronous area spreads from Portugal to Romania. To connect networks strict quality and safety criteria have to be fulfilled. The expanding network makes the system much more complex, that is, multiple range of operating characteristics are necessary to be examined (e.g. short-circuiting power, static and dynamic stability, inter-area oscillations, transient waves on long transmission lines, the transparency of the system and controllability issues). The connectivity and control are based on the 50 Hz line frequency. The WAMS devices (Wide Area Monitoring Systems) are monitoring the power oscillations between the interconnections of two power grids. In Hungary the substations in Győr, Sajószöged, Hévíz and Paks are equipped with such devices.

The European power system cooperation is directed and monitored

by the ENTSO-E (European Network of Transmission System Operators for Electricity). The transmission system operators of the member states are responsible for the power supply reliability in their country, eg. in Hungary the MAVIR Ltd. Its responsibilities include the following activities: power-frequency control, scheduling and settlement, coordination of power plant operation, emergency measures, maintaining the communicational infrastructure and dispatcher training.

Currently the following countries and areas are preparing for accession into ENTSO-E: Baltic countries (Estonia, Latvia, Lithuania), Turkey, Ukraine, Moldova, Russia (IPS / UPS), North Africa (later the entire Mediterranean Ring), Kosovo and Albania.



11th International PhD Workshop on Systems and Control

University of Pannonia (Hungary) in cooperation with the Institute of Information Theory and Automation (Czech Republic) and the Jozef Stefan Institute (Slovenia) organized the *11th IEEE International PhD Workshop on Systems and Control* in Veszprém, Hungary, on Sept. 1-3, 2010. The event

was technically co-sponsored by the IEEE Hungary Section.

The conference was chaired by Prof. Katalin M. Hangos, Head of the Department of Electrical Engineering and Information Systems, University of Pannonia and by Prof. Ferenc Vonderviszt, Head of the Department of Nanotechnology.



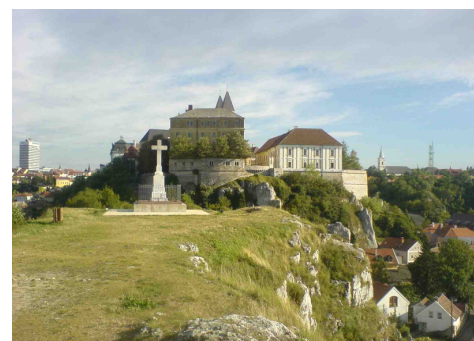
The aim of the workshop was to offer PhD students and young researchers (under the age of 35) an opportunity to extend their scientific relationships in the field of systems and control, bioengineering, traffic control, artificial intelligence, decision making, image processing and image recognition, and soft computing areas (fuzzy, neural, genetic algorithms). Special emphasis was placed on the informal discussion of ideas, results, experiences and opinions.

One plenary talk highlighted the event with the title 'Control of Multi-Agent robotic systems' that was given by Dr.

Bálint Kiss from the Budapest University of Technology and Economics.

Despite of its relatively small size, the workshop was a great success: more than one hundred people participated in the oral sessions. The papers were included into the proceedings CD.

Gabor Szederkenyi



IEEE – Not only for Professionals

There are several ways students can benefit from being a member of IEEE. It is more than just a simple organization, since the only obligation is to pay the entrance fee, but with that students gain far more!

All the magazines of IEEE such as Spectrum give an insight to the current developments around the world with interesting facts and figures. Moreover, the IEEE Xplore (electronic publications starting point) provides a great advantage for MSc and Phd students for their research work with the easy

and compact use. On conferences students have the opportunity to meet other students, decision makers and highly appreciated lecturers from all over the world. It is possible to exchange ideas with them and benefit from the knowledge they have. There is also a fantastic possibility for anyone who is interested in learning and practicing technical English.



If the students do not have enough time for reading, the IEEE keeps the pace with the latest developments. Therefore, IEEE.tv is also available with interesting programmes. Mentoring possibilities are also available with organized online seminars. If you know other students thinking the similar way, you can create a Student Branch. As a member of a Student Branch, you can gain more advantage, since several opportunities in scholarships and different competitions are available for you. How did the Budapest University of Technology IAS / PES Student Branch

Chapter benefit from the relationship with IEEE?

We organized for the second time the International Youth Conference on Energetics in 2009, where students and young professionals from all over the world came to Budapest to give lectures from different topics concerning energy. This conference could not have been organised without the support of IEEE Industry Applications Society, Region-8 and the sponsorship of Region-8 committee. An IEEE workshop was held during the conference, where the BUTE IAS/PES Joint Chapter was established officially. Later in 2009 the Student Branch chapter two members had the opportunity to participate at the IAS/PES Chapter Chair conference in Stockholm in September. In addition, another 2 members could travel to Houston to the Industry Applications Society Annual Meeting in October with the help of the Myron Zucker Award.



In 2010, three of our members were fortunate enough to participate in the Region-8 Student Branch and GOLD Congress in Leuven, Belgium with the

support of Region-8 and the Hungary Section. 2010 is a successful year for the BUTE Student Branch Chapter, because two of our members had the opportunity again to visit the Industry Applications Society Annual Meeting in Houston, where the Student Branch Chapter won the 2010 IAS Outstanding Student Branch Chapter Award for the first time!

To sum up, we can say that the Budapest University of Technology IAS / PES Student Branch greatly benefited from its membership in IEEE and is happy to promote this idea for all the students and young professionals in the field of Energetics.



We are delighted to see the developments in the organisation and hope that in a way we can also contribute to it and share our knowledge with the future generations of Energy Engineers.

Adam Zatik, IEEE HS Student Branch

3rd Joint IFIP Wireless Mobile Networking Conference

13-15 October 2010 – Budapest, Hungary

The 3rd Joint IFIP Wireless Mobile Networking Conference (WMNC'2010), combining PWC (Personal Wireless Communications), MWCN (Mobile and Wireless Communication Networks Conference) and WSAN (Wireless Sensors and Actor Networks Conference) into one event, will be held between 13 and 15 October 2010 in Budapest, Hungary. The conference will be organized by Óbuda University and Scientific Association for Infocommunications Hungary, the co-organizer is Budapest University of Technology and Economics.



IEEE Student Branch & GOLD Congress Leuven, Belgium

Three delegates from Hungary participated in the IEEE Region 8 Student Branch & GOLD Congress 2010 which was held between 4-8 August in Leuven. Richard Cselkó, Bálint Németh and Beáta Polgári flew to Belgium to get to know other student branches, GOLD and student members, take part

in various workshops and socials programs and also learn the IEEE. The 2010 IEEE Region 8 Student Branch & GOLD Congress started with a visit to the nice town center to Leuven after the registration. Leuven is a university town famous for its beautiful Town Hall and Main Square where Belgian brasseries attract students and tourists. Leuven has a big student branch with 160 members for 50 years now. Sixteen members of this student branch organized this event. They attend the Katholieke Universiteit Leuven. The conference language was English of course, however in this part of Belgium Flemish is spoken while in the Southern part French is more common. A smaller German-speaking area is situated in the Eastern part of the country. In the capital region both French and Flemish are spoken.



Welcome speeches, Student Activities speeches, GOLD, Professional Activities & Women in Engineering speeches and a panel discussion were the first-day program. After getting some

information about the location, Belgium, the university and the Student Branch Leuven itself, IEEE leaders held speeches. József Modelski, the IEEE Region 8 Director discussed the dimensions of R8 (72,260 members with over than 320 student branches) and the biggest conferences like EuroCon, MeleCon, AfriCon, EnergyCon and EnergyCon. Martin Bastiaans, the IEEE MGA Chair of the Student Activities Committee addressed the new graduate students to vote highlighting three advantages of being a graduate student – they have the ability to vote, they are eligible to hold volunteer positions but paying only student fees. He also pointed out some useful opportunities for students - awards, contests and competitions like the Regional Exemplary Student Branch Award, the Outstanding Branch Counselor and Advisor Recognition Program, the IEEE Student Enterprise Award or the IEEE Darrell Chong Student Activity Award. Eva Lang delivered many speeches during the congress as she is the IEEE Region 8 Vice Chair for Student Activities and also an active member of the IEEE Women in Engineering. Eva named some of her big aims in IEEE: to increase the awareness of the technical side of IEEE, enhance member experience, reawake dormant branches (it is a problem in IEEE that there are too many inactive members), improve R8 student online experience, provide

online training to SB (Student Branch) volunteers. She also mentioned potentials for students – the Larry K. Wilson Student Activities Award, the Web Site Contest, the Student Paper Contest and the Promotional Multimedia Contest. The actions of the Student Activities Committee are about to engage students in a very early stage of their career, group them in one field of studies and give them extra source of funding. There are two stages of this process: there are local contests at SB level and the winner of each SB can compete for the R8 SPC (Student Paper Contest). The five selected finalists take part in an oral final.

We were informed about the IEEE Day planned for 7 October 2010. This is a global event in IEEE and we were encouraged to participate by organizing a local event. This date is the anniversary of the first time IEEE members gathered to share their technical ideas in 1884. IEEE Day has a simple concept: celebrating the achievements of IEEE everywhere around the world. As IEEE also propels social networking there is a special goal for the IEEE day: 100,000 online actions between all the IEEE Day working channels. In order to advertise the IEEE Day members can order T-shirts or download the logo from www.ieeeday.org. The IEEE is trying to be youthful you can find IEEE Day on facebook, twitter or linkedin, too.

A Gala dinner closed the day in a nice restaurant in Salons Georges in the heart of Leuven. At this congress one of the main points were to get to know others, speak with other student branch members, get ideas from others and to get closer to IEEE leaders (president-elects, past-presidents, director-elects...) and the gala dinner was a great possibility for this.



The second day was more interactive for all the participants. There were separate workshops for students and GOLDS. Richard took part in two workshops on how to prepare for a job interview and how to make a presentation. Bálint discussed some problems that faces the IEEE everywhere – how to encourage graduates to join the IEEE and remain active. They were talking about the advantages of being a GOLD member. Bea applied for a special workshop pair of WIE (Women in Engineering). WIE is a special group within IEEE to strengthen social skills with a mission to inspire, encourage and empower IEEE

women worldwide. Through career models and life stories of successful engineer women, girls could get some more inspiration and discuss special problems what women face as an engineer. In the second part, two members of the Leuven WIE Affinity Group reported their last activity waking up WIE in Leuven. It was a great pleasure that one of them was a Hungarian young woman, Borbála Hunyadi, who is doing her Ph.D. in Leuven after graduating in Budapest. To make the workshop more friendly the participants played a game with the speakers - Pilar Molina Guadó, Bashayer Ibrahim Al-Awwad and Zhanna Khaymedinova.

In the afternoon we visited the Arenberg campus. We could have a look at the most interesting research topics of ESAT (Engineering Science faculty). We have been to the Thermotechnical Institute that is a museum of steam turbines and engines. All the participants and speakers had a great barbeque in the campus in the evening with live concert and nice Belgian beer. The third day morning was also dedicated to workshops like problem-solving and networking. In the afternoon there was an industry visit to the nearest bravery. The evening program was the multi-cultural evening. For this event each nation prepared their own specialties and dressed up nicely. We prepared with some *mákos guba*, *somlói galuska*,

wine, *Unicum* and *pálinka*. There was a sewing activity at our pavilion – people could make their own *kokárda*. Our small group decorated the pavilion with a map and some pictures, covered the desk with Hungarian flag and knotting. Student could also see some Hungarian inventions on our table. Curious students could also learn some Hungarian terms with our help. On the last day we made conclusions of the workshops and sit for the plenary session. After lunch we said goodbye to SBC Leuven.

We would like to thank the support of the IEEE Hungary Section and the Region 8 Student Activities Committee for making us possible participating in the congress.

Beáta Polgári Student Member
Bálint Németh GOLD Member
Richárd Cselkó Grad. Student M.



Student motivation day

On 7th of December 2010 in the Óbuda University a student information day was held about the questions ‘What an electrical engineer should be like?’ The ELMÜ (Budapest Utility) had a presentation about the motivated and practiced student. “All the students are bests in a specific area, but they must find it.” The Organization of the Young Entrepreneurs pointed out that the students have to build up their carrier by themselves. Don’t wait for the external support! The MAVIR (Hungarian Transmission System Operator) introduced one of the best local workplace. Three former students of Kandó Faculty of Electricity of Óbuda University explained their daily jobs, opinions and perspectives. The lighting technology company Prolux emphasized the importance of the personal presentations skills. Peter Kadar held a presentation about the role of the professional organization in the personal professional carrier. He introduced the MEE (Hungarian Electrotechnical Association), the VDE (Verein der Deutschen Elektroingenieuren) and IEEE. The organizers hope that through the 20 participant students the motivation will spread over far beyond the Óbuda University.

Peter Kadar



The Board of IEEE HS wishes Merry Christmas and Happy New Year for all IEEE HS members!



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