



**25 years of
Hungary Section**

IEEE HS Newsletter

Official news of
IEEE Region 8
Hungary Section
Vol.5. No.1.
2013 spring

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Are You Eligible to Become an IEEE Senior Member?

Are you a Senior Grade IEEE Member? Senior member is the highest grade for which IEEE members can apply. IEEE members can self-nominate, or be nominated, for Senior member grade. If you are in an IEEE designated field and have been practicing professionally for 10 years you qualify. Benefits of senior membership (beyond the recognition of your experience) include the eligibility for hold executive IEEE volunteer positions and \$25 toward joining

another IEEE Society. For more details and application form see http://www.ieee.org/membership_services/membership/senior/index.html

*Blake Lloyd, 2013-2014 IAS President,
IEEE Senior Member*



Message of the new section chair

Dear Members!

I took this position from prof. Imre Rudas who was a really active in this area. It is hard to exceed him.

The first focus area of mine is the facilitation of enter and keeping of the young student members. That is why we concentrate on the Student Branches.

My partners are in this work prof. István Vajda and prof. Levente Kovács vice chairs, secretary Gabor Szederkényi and Anikó Szakál treasurer.

The IEEE is an information hub so the international conferences are really important as the Hungary chapter organized conferences as well. The forms of the sponsoring is changing but we are going to maximize our supports.

For being informed about the IEEE world you'll get more mails, messages. We work on an up-dated website too.

Please send us your opinion, requests for better service for you. Send us news related IEEE, IEEE HS, conferences, appeals.

In case of difficulties at renewal of membership please mail to Aniko Szakál (szakal@uni-obuda.hu).

*Peter Kadar
IEEE HS chair*



IEEE Region 8 Meeting in Madrid

I visited Madrid to attend the 100th Meeting of the IEEE Region 8 Committee held on 19-21 April 2013. The Meeting also commemorated the 50th Anniversary of the establishment of Region 8. Two issues came up for discussion during the Meeting – (i) the need to simplify the reporting procedures for financial and technical activity, with Section Treasurers

expressing their concern about the complexity of NetSuite software. (ii) reaction to the requirement of VAT registration , and VAT reporting of all events organized by the Sections.

My view is that for new initiatives, however laudable, to succeed it is imperative that user input is sought and an inclusive approach is taken.

It was good to note the presence of R8 Section Chairs at the Meeting- reflecting a veritable mini United Nations!

The Region has embarked on the development of long term strategic directions, which will ensure continuing growth and vitality. I am impressed by the commitment and initiatives the Region and Sections are taking in the educational arena ranging from EPICS (Engineering Projects in Community Services), to TISP Workshops, Continuing Education Webinars, to Job Fairs for student members at Section events.

Support for Member careers is particularly important all over, and particularly under the current adverse circumstances in some R8 countries.

Tarriq S Durrani – Peter Kadar



R8 participants

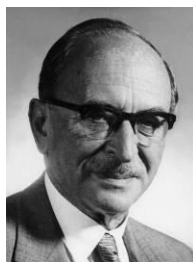


Gábor Dénes commemoration in London

In London at Imperial College on 12th June 2013 an R8 Committee Meeting was preceded by a technical seminar and followed by the Dennis Gabor Memorial Lecture.

In IEEE History Milestone has been approved for the invention of Holography by Dennis Gabor.

The IEEE Hungary Section was represented by prof. István Vajda vice chair.



IEEE Hungary Section in 2012-2013

Highlights from the past

Conferences organized in 2012 by the section

- The 19th Mini symposium of the Department of Measurement and Information Systems Budapest University of Technology and Economics
- IEEE 7th International symposium on Medical Measurements and Applications MeMea 2012, May 18-19, 2012, Budapest
- SAMI 2012 - 10th Jubilee IEEE International Symposium on Applied Machine Intelligence and Informatics
- EXPRES 2012 - 4th International Symposium on Exploitation of Renewable Energy Sources
- SACI 2012 - 7th IEEE International Symposium on Applied Computational Intelligence and Informatics
- INES 2012 - 16th IEEE International Conference on Intelligent Engineering Systems 2012
- NSC 2012 - 4th IEEE International Conference on Nonlinear Science and Complexity
- Mini Symposium 2012 - Recent Advances in Intelligent Engineering
- LINDI 2012 - 4th IEEE International Symposium on Logistics and Industrial Informatics
- SISY 2012 - 10th IEEE International Symposium on Intelligent Systems and Informatics
- iRoB 2012 - IEEE Symposium on Intelligent Robotics

- ICETA 2012 - 10th IEEE International Conference on Emerging eLearning Technologies and Applications
- CINTI 2012 - 13th IEEE International Symposium on Computational Intelligence and Informatics
- The IEEE 2012 Panel of Conference Organizers (POCO) was held at 19-21 July 2012, in Budapest, Hungary titled „Managing Conferences in a Changing World“ with distinguished lecturers, past and present presidents.
- The Hungarian Section was founded 25 years ago, so in 2012 an anniversary milestone ceremony will be organized in connection with the IEEE day. To the event will be invited all life members, fellows and past chairs.

Future activities

- 20th PhD Mini symposium at Dept. Measurement and Information Systems Budapest University of Technology and Economics
- 2013 IEEE 8th International Symposium on Applied Computational Intelligence and Informatics (SACI) SACI - 23-May-13, Timisoara, Romania
- 2013 IEEE 17th International Conference on Intelligent Engineering Systems (INES) and INES to be held 19-Jun-2013 to 21-Jun-2013, in San Jose, Costa Rica
- 2013 IEEE 9th International Conference on Computational Cybernetics (ICCC) and ICCS to be held 08-Jul-2013 to 10-Jul-2013, in Tihany, Hungary

- 2013 IEEE 14th International Symposium on Computational Intelligence and Informatics (CINTI) and CINTI to be held 19-Nov-2013 to 21-Nov-2013, in Budapest, Hungary
- 2013 IEEE International Conference on System Science and Engineering (ICSSE) and ICSSE to be held 04-Jul-2013 to 06-Jul-2013, in Budapest, Hungary
- 2014 IEEE 12th International Symposium on Applied Machine Intelligence and Informatics (SAMI) and SAMI to be held 23-Jan-2014 to 25-Jan-2014, in Herl'any, Slovakia
- 2013 IEEE 12th International Conference on Intelligent Software Methodologies, Tools and Techniques (SoMeT)
- 2013 5th IEEE International Symposium on Logistics and Industrial Informatics (LINDI) and LINDI to be held 05-Sep-2013 to 07-Sep-2013, in Wildau, Germany

Best practices

- Best practice in the topic of Software Defined Electronics: Invited tutorial appeared in IEEE CAS Magazine in May, 2012.
- Organizing special sessions for PhD students.

Points of concern / Topics for future discussion

- support for Student Branch activities
- raising web and e-mail communication

Miscellaneous

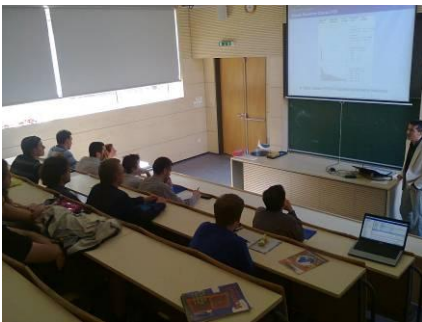
- Prof. Geza Kolumban HS-CS&C JC has been elected as speaker in the Distinguished Lecturer Program to serve the CAS Society for two consecutive years (2013-2014).
- From International Federation for Medical and Biological Engineering Commemorative Plaquette presented to Ákos Jobbágy (Chapter Chairman until 2011) for Dedication and Outstanding Contributions as Administrative Council Member and Chair, Membership Committee 2009-2012, presented at 2012 World Congress on Medical Physics and Biomedical Engineering, 26-31 May, 2012, Beijing
- Order of Merit of the Hungarian Republic, Officer's Cross, presented to Prof. István Kollár (IEEE Fellow), Aug 28, 2012
- John von Neumann award presented by John von Neumann Computer Society to Prof. Gábor Péceli (Rector of the Budapest University of Technology and Economics, IEEE Fellow), Dec 15, 2012
- Distinguished Lecturers programs
- Prof. Jacob Scharcanski: From Imaging Data to Useful Visual Information and Measurements, 2012
- C. L. Philip Chen, Ph.D., Fuzzy Multi-Attribute Decision Making Algorithm for Vehicle Navigation in Sensor Network Environments, 2012
- Three DLP lectures are planned in 2013 (e.g. Saifur Rahman)



SB day at Óbuda University

On 23rd of April, 2013 the Óbuda University Student Branch organized a SB day.

After the opening of Peter Kadar, IEEE HS chair prof. István Vajda, IEEE HS vice chair had a presentation about the “Superconductivity”. It followed by the topic of “Power quality and integration of the renewable energies into the low voltage nonlinear power network” by Peter Görbe and Attila Magyar from the Pannon University of Veszprém. Krisztián Kósi, chair of ÓU SB talked about “The role of the SB in the professional carrier”.



DRCN 2013

After 2001 the 9th International Conference on Design of Reliable Communication Networks - DRCN 2013 - was held again in Budapest, Hungary, March 2013. <http://drcn2013.org>

Out of 62 submitted papers 25 have been accepted, that is 40% acceptance ratio. Furthermore, there were 9 invited papers by famous scholars in the field of reliable communications, namely: Byrav Ramamurthy, Srinivasan Ramasubramanian, Brigitte Jaumard, Gangxiang Shen, Martin Maier, Rakesh K. Sinha, Achille Pattavina, Xiaohong Jiang, Chadi Assi.



Levente Kovács, IEEE Hungary Section Vice-President at the opening

Additionally, 3 tutorials, 2 mini tutorials and 5 short papers have been presented. The conference was attended by a total of 81 participants from 16 countries, over 30 of the participants were students.

The best papers have been invited to two top journals: IEEE Transactions on Reliability and Elsevier Optical Switching and Networking.

Pin-Han Ho, TPC Chair University of Waterloo, Canada
János Tapolcai, TPC Chair Budapest University of Technology and Economics, Hungary
Tibor Cinkler, General Chair Budapest University of Technology and Economics, Hungary

Peter Nagy



Participants of DRCN 2013



The Success Story of the IEEE ICC 2013 Conference

The IEEE International Conference on Communications, IEEE ICC 2013, was held in Budapest between June 9-13. IEEE ICC is one of the two flagship conferences of the IEEE Communications Society, and this



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year's event was again worth of this label. Nearly 2,000 registered participants from 64 countries, more than 1,400 presentations in 22-23 parallel sessions on average, 21 keynote and invited speakers, more than 50 panelists in 10 industry & business panels, 21 workshops, 22 tutorial talks, an exhibition and an industrial hands-on training made up an excellent, high quality technical program. This was topped with four social events where participants from all over the world had a chance to taste the best delicacies of Hungarian cuisine and admire the beautiful landmarks of Budapest. Also, in addition to the conference, there were organized more than 80 meetings of different IEEE technical committees, editorial boards, sister societies, and the EMEA Regional Chapter Chairs Congress. For further details, please check the conference website at <http://ieee-icc.org/2013>.



Keynote speech at IEEE ICC 2013

Among the conference speakers, we had the pleasure to welcome well

known academics and researchers from leading universities and institutes from all over the world (Chalmers Univ., CNRS, EURECOM, Fraunhofer, Imperial College, King's College, MIT, NYU, Politecnico di Torino, Rutgers Univ., TU Berlin, UCLA, Univ. of Melbourne, USC, etc.), high standing representatives from industry (Bell Labs Alcatel-Lucent, Ericsson, Huawei, IBM, Intel, NEC, NSN, NTT DoCoMo, Magyar Telekom, Microsoft, Samsung, SAP, Siemens, Telecom Italia, Telefonica, Toyota, etc.) as well as representatives of the European Commission. The main patrons were Magyar Telekom (Platinum), Ericsson (Gold), National Instruments (Silver), BEEcube and CISCO (Bronze). We also have to mention the support of HTE, the Hungarian Sister Society of IEEE ComSoc that embraced this initiative from the very beginning, and that of Budapest University of Technology and Economics (BME) that encouraged many of its employees to get involved in this adventure.

Based on the first feedback got from a large number of attendees, IEEE ICC 2013 was a great success, and even the historic flooding of the Danube, which tightly coincided with the days of the conference, could not spoil the feast. It rather added a unique touch, the conference being held in the Marriott, Intercontinental and Sofitel Chain Bridge hotels, just next to the bloated

river. Participants had thus the chance to regularly walk down to the river banks, and check the current water level or take pictures of the flooded embankments. As organizers, we had a few sleepless nights to relocate at the last minute some of the functions (lunches and dinners) that were scheduled to be held on the river, but finally we managed to find excellent alternative locations.



Invited talk from Ted Rappaport (New York University), in one of the parallel

The preparations of this large event lasted for four years. It was back in June 2009 when a small but enthusiastic team – Lajos Hanzó (Univ. of Southampton), Péter Nagy (HTE) and Rolland Vida (BME), came up with the idea of trying to bring IEEE ICC to Budapest. It was not an easy ride. First we had to prepare a competitive bid, against prestigious contenders such as Barcelona, Dubai or Kuala Lumpur. Then, once the conference was awarded to Budapest, we had to follow a meticulous 36-month preparation



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process, set forth by IEEE ComSoc, with detailed reports and milestones. We had to build and coordinate a large organizing committee (25 people), and a huge technical program committee (43 symposia chairs and nearly 2,000 TPC members and reviewers) which handled more than 10,000 reviews for the 3,000 submitted papers). And last but not least, we had to negotiate all the fine organizing details with three hotels in parallel, as there is no single venue in the heart of Budapest that could host alone such a large conference. It took thousands of hours of volunteer work, many sleepless nights, but hopefully it was worth the effort. By bringing one of the largest and most prestigious scientific conferences to Budapest, our goal was also to pave the way for Hungarian researchers to meet with the elite of the international scientific community. Taking into account that usually only a few Hungarians have the means and the possibility to participate at this conference, the 121 Hungarian researchers who attended IEEE ICC 2013 shows that we were successful in this respect.

The ICC train continues its journey, after recent stops in Cape Town (2010), Kyoto (2011), Ottawa (2012) and Budapest (2013). The next station will be Sydney, in June 2014. IEEE ICC was the third major conference that we organized in Budapest in the last five

years, after IEEE WCNC 2009 (650 participants) and IEEE VTC 2011 (750 participants). A well-deserved rest should follow, but we are of course ready to continue on this path in the future, and bring other prestigious events to Budapest.

*Rolland Vida, BME, HTE
IEEE ICC 2013 Conference Operations
Chair*



Peter Nagy (Finance Chair), Klaus D. Kohrt (GIMS Advisor), Rolland Vida (Operations Chair) and Lajos Hanzo (Executive Chair)



Activities of CPMT Hu–Ro joint chapter

Activities
2013

INTERNATIONAL PROFESSIONAL STUDENT CONTEST
THE 22th EDITION, BRASOV, 24th-27th APRIL 2013



International Spring Seminar
on Electronics Technology
ISSE
SEMINARS & NETWORK
SINCE 1977
Cooperation of the Hu&Ro, German and Polish IEEE CPMT Chapters

Activities
2013

Poster Session

Best Award to Attila Bonyár (Hu&Ro Ch)

36th International Spring Seminar on Electronics Technology
Alba Iulia, Romania, 8-12 May, 2013

DLP of Mark Halpin

The IEEE HS IAS/PELS Chapter on 02/06/2013 in the frame of the Distinguished Lecturer Program organized an event at Óbuda University. Prof. Mark Halpin presented about the “Arc Flash Hazard Analysis and Avoidance: Theory and Practice in the USA”. The event was hosted by Tamás Ruzsányi.

Summary

The purpose of this lecture is to raise awareness of electrical safety in the workplace with particular emphasis on arc flash hazard analysis and avoidance. This topic is the subject of IEEE Standard 1584 which has revolutionized

aspects of electrical safety based on its sound principles and practical applications. Electrical safety basics will be presented including shock and burn hazards, injury statistics, system design considerations for safety, and effectiveness measures. Practical aspects of productivity versus safety requirements, particularly considering the use of personal protective equipment, will also be discussed. The lecture content will be minimally technical in nature and will focus heavily on the application issues through the use of photographs, videos, and verbal stories from the workplace that demonstrate the nature of the arc flash hazard, various mitigation options, and effective mitigation.



Mark Halpin was born in 1965 in Sandersville, GA, USA. He received his PhD degree from Auburn University in 1993. He has been actively involved in teaching, research, and service for his entire career. He presently holds the position of Alabama Power Company Distinguished Professor at Auburn University. He is active in IEEE and IEC

standards development and has been involved in numerous standardsmaking bodies in both leadership and technical contributor roles. He has been responsible for over US\$25M in funded research and has authored or co-authored over 110 technical papers, articles, and book chapters which have been published in leading journals or by major scientific publishing companies, or presented at conferences and symposia focusing on power and energy.

A significant portion of Dr. Halpin's accomplishments are related to development and application of standards in areas related to power and energy systems. He has been instrumental in many aspects of the IEEE Color Book series of standards, IEEE Standard 519 (harmonic control in power systems), and IEEE Standard 1453 (voltage flicker in power systems). His widespread involvement in IEEE standards has led to numerous invitations to participate in both technical and leadership positions in non IEEE standardsmaking and technical organizations such as IEC, CIGRE, and CIREN where he is a member of the following groups focusing on power quality: IEC TC77/SC77A WG1 ("harmonics") and WG8 ("electromagnetic compatibility"); United States National Committee (of the IEC) Technical Advisory Group for IEC TC77/77A ("power quality"); CIGRE/CIREN JWG C4.103 "Emission

Limits for Disturbing Installations," C4.108 "Flicker Objectives," and C4.109 "Power Quality Assessment." He has created application training programs based on IEEE and IEC standards which have been delivered around the globe including the countries of China, India, Italy, Spain, Germany, Czech Republic, and Canada. The core of these programs has been incorporated in his Expert Now educational module on power quality developed for the IEEE Educational Activities Board. He has authored, coauthored, or contributed to over 150 standards and technical papers related to electric power quality in utility and industrial electric energy systems and he has been a member of over 40 standards development Working Groups. His accomplishments in areas related to IEEE and IEC standards were recognized by his receipt of the 2006 IEEE Charles Proteus Steinmetz Award presented by the IEEE Standards Association and his elevation to IEEE Fellow in 2005. Dr. Halpin is a past-President of the IEEE-IAS and, through his support of IAS Chapters in his role as President, is completely comfortable and familiar with issues associated with and faced by Chapters as they strive to offer valuable technical content for their local membership.



**Presentation of Profs. Hwa-yaw
TAM**

The IEEE Hungarian Joint MTT/AP/ED/ComSoc Chapter and Circuits, Systems & Computers Joint Chapter had an event on 10/06/2013 where Profs. Hwa-yaw TAM and Chao LU, The Hong Kong Polytechnic University held presentation about the R & D activities at the Photonics Research Centre of the Hong Kong Polytechnic University

Summary

In the talk, we will first present an overview of the research activity in the area of photonics at the photonic research centre of the Hong Kong Polytechnic University including optical fibre sensors and optical communication systems. This is followed by more detailed discussion on our recent work in the area of coherent optical transmission system for high capacity optical communication systems. In particular, our work on optical 16 QAM and 64 QAM signal generation, carrier phase estimation for polarization multiplexed 16 QAM coherent detection system and high speed parameter estimation will be described. Some recent experimental results for 400Gbit/s per wavelength WDM optical transmission systems will be presented.

Prof. Hwa-yaw TAM

Hwayaw Tam, received the B.Sc. degree in 1985 and the Ph.D. in 1990 in Electrical and Electronic Engineering, both from The University of Manchester, UK. From 1989 to 1993 he was with Hirst Research Center, GEC-Marconi Ltd. in the UK, first as a Research Scientist, then as a Senior Research Scientist working on wavelength-division multiplexing systems, high-speed optical communication links and erbiumdoped fiber amplifiers. He also worked briefly for Marconi-Italiana of Italy as a consultant before joining the Department of Electrical Engineering of the Hong Kong Polytechnic in January 1993. Currently, he is a Chair Professor of Photonics of the Department of Electrical Engineering at The Hong Kong Polytechnic University. Prof. TAM is also the Director of the Photonics Research

Centre, Faculty of Engineering at the same university.

His current research interests are fibre-optics sensors, photonics sensor networks, optical fibre communications, all-optical signal processing, fibre-optics devices, optical fibre amplifiers and lasers, and optoelectronics components. Prof. Tam has secured over HK\$40 million research funding since 1995. He has published over 250 technical papers and holds six patents in the areas of fiber-optics. Several of his inventions also won international awards. Prof. Tam has a number of R & D projects working with companies both locally and overseas in the areas of optical fiber amplifiers and sensors. His group has installed photonics sensors on the TsingMa Bridge in Hong Kong, KCRC (HK) rail tracks, MRTC (HK) civil structure and oil tanks in China. Prof. Tam is a Chartered Engineer, a senior member of the IEEE and a member of IEE.

**DLP Presentation of Saifur
Rahman**

The IEEE HS Power and Energy Energy Chapter organized a DLP (Distinguished Lecturer Program) presentation by professor Saifur Rahman about the topic: 'The Smart Grid - What Makes It

Practical'. The event was held at Óbuda University on 1st of July 2013.



Summary

The concept of the smart grid originated from the desire to make the grid - starting from the power station to the end-use appliance - smarter, safer, reliable and more cost-effective using advanced sensors, communication technologies and distributed computing. A smart grid will look more like the Internet, where information about the state of the grid and its components can be exchanged quickly over long distances and diverse networks. It will also allow integration of new sustainable energy sources, such as wind, solar, off-shore electricity, etc. At present there are efforts by many vendors globally to develop technologies, which will become building blocks of this grid. At the same time standards are being developed that can make technologies from different vendors interoperable so that many players will be able to participate giving customers a broad

choice. But, since much of the data related to the smart grid will reside on the Internet and it will carry personalized information, there are significant concerns about data integrity and privacy. Also, there must be policies and regulations in place that will encourage participation by creating a differential pricing structure for the electricity consumed which will discourage peak load growth. The electric utility will have to be the party that will implement all of these diverse requirements and satisfy the interests of various players – from customers to regulators to equipment providers. And they have to evolve and change their ways of operation to become an intelligent provider of these services. This lecture introduces various aspects of the smart grid - technology, standards, regulations and data security – and highlights the functionalities of the smart electric utility that makes the smart grid possible.

The presentation can be downloaded from www.saifurrahmen.org site.



Professor Saifur Rahman is the founding director of the Advanced Research Institute (www.ari.vt.edu) at Virginia Tech where he is the Joseph R. Loring professor of electrical and computer engineering. He also directs the Center for Energy and the Global Environment (www.ceage.vt.edu). He is a Fellow of the IEEE and an IEEE Millennium Medal winner. He is the founding editor-in-chief of the IEEE Electrifications Magazine. He was the founding editor-in-chief of the IEEE Transactions on Sustainable Energy. He is a vice president of the IEEE Power and Energy Society (PES) and a member-at-large of the IEEE-USA Energy Policy Committee. Currently he is serving as the chair of the US National Science Foundation Advisory Committee for International Science and Engineering. He is a Distinguished Lecturer for the IEEE PES, and has lectured on smart grid, energy efficient lighting solutions, renewable energy, demand response, distributed generation and critical infrastructure protection topics in over 30 countries on all six continents.

He received his Ph.D. in electrical engineering from Virginia Tech in 1978. His industry and government experience includes work with the Tokyo Electric Power Company in Japan, the Brookhaven National Laboratory in New York, Progress Energy, and consultancy for the World



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Bank, the United Nations, US Agency
for the International Development and
the Asian Development Bank.



INVITATION

The editorial office seeks volunteer co-
worker to edit IEEE HS Newsletter. Your
application please send to the office.



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IEEE HS
Annual Meeting
28 May 2013



Activities
2013



SIITME 2013 IEEE 19TH INTERNATIONAL SYMPOSIUM FOR DESIGN
AND TECHNOLOGY IN ELECTRONIC PACKAGING (SIITME)

24-27 October 2013, Galați, România

Call for Papers – SIITME 2013

Dear Colleagues,

The organizing committee of SIITME 2013 kindly invites you to submit an abstract/paper to the **2013 IEEE 19th International Symposium for Design and Technology in Electronic Packaging (SIITME)**. The scientific event will take place in Galați, the largest Romanian harbour on Danube, on **October 24th–27th, 2013**. Web page: <http://www.siidme.ro>

SUBMISSION OF ABSTRACTS AND PAPERS:

Interested authors are invited to submit a two-page abstract according to the **template**, as MS-Word document, Version 97 or later, and as PDF document, **attached to an e-mail to siitme@siitme.ro**.

Papers meeting the quality criteria will be included in the IEEE Xplore Digital Library.

TOPICS

- A. Emerging Technologies & Trends in Advanced Packaging
- B. Power Electronics and Microsystems Packaging
- C. Assembly and Manufacturing Technology
- D. Design of Electronic Circuits and Systems
- E. Electronics Simulation & Modelling
- F. Electronics Applications
- G. Optoelectronics & Advanced Communication Packaging
- H. Applied Reliability
- I. Challenge in Global Education

IMPORTANT DATES:

Submission of abstracts:	September 1st, 2013
Notification of abstract acceptance:	September 22nd, 2013
Submission of camera-ready papers and copyright forms:	October 6th, 2013
Notification of paper acceptance:	October 13th, 2013
Confirmation of registration and submission of e-copyright form:	October 17th, 2013