

**2009 11<sup>th</sup> Electronics Packaging Technology Conference (EPTC 2009)**

9-11 December 2009, Singapore  
<http://www.eptc-ieee.net/>

**2009 IEEE Electrical Design of Advanced Packaging & Systems Symposium (EDAPS 2009)**

December 2-4, 2009 Hong Kong, China  
<http://www.edaps2009.org/>  
Contact: [edaps2009@ee.cuhk.edu.hk](mailto:edaps2009@ee.cuhk.edu.hk)

**CONFERENCES IN 2010:**

**2010 60th Electronic Components and Technology Conference (ECTC 2010)**

June 1 - 4, 2010 Las Vegas, NV, USA  
<http://www.ectc.net>  
Contact: Jean Trehwella, [jeanmh@us.ibm.com](mailto:jeanmh@us.ibm.com)

**3<sup>rd</sup> Electronics Systemintegration Technology Conference (ESTC 2010)**

September 13-16, 2010 Berlin, Germany  
[http://www.estc.biz/outlook\\_estc\\_2010/](http://www.estc.biz/outlook_estc_2010/) Contact: Rolf Aschenbrenner, [rolf.aschenbrenner@izm.fraunhofer.de](mailto:rolf.aschenbrenner@izm.fraunhofer.de)

See the CPMT Society website for updates:

[www.cpmt.org/conf](http://www.cpmt.org/conf)

**Student Chapter News:**

*Submitted by Prof. Nihal Sinnadurai  
Fellow IEEE, Fellow Institute of Physics, Fellow IMAPS,  
CEng, IEEE Distinguished Lecturer*

**An excellent CPMT Region 8 event (CPMT Hungary and Romania). TIE Galati, Romania.**

An innovative Electronics Interconnection Technology (TIE) Design competition was won by excellent students. Bogdan Raducanu was the top scoring student winner from the Polytechnic University of Bucharest. Others were not far behind

The TIE event on 9th and 10th April comprised two days of Workshops and a one day hands-on real-time competition for undergraduates in electronics.

The Workshops were discussion events with lectures by professionals intended to give students insight into the practicalities of the outside world. Two lectures from the Distinguished Lecturer Programme were given by Nihal Sinnadurai on the first day, one technical and the other on the benefits and opportunities from IEEE-CPMT membership. Some 70 people attended the workshops.

The excellent student competition followed the Workshop. Each undergraduate student competitor had to carry out a circuit design and layout project under time pressure. The design requirements were defined to the student competitors just before the competition began. Each student was provided with a computer with a suite of design software and a high definition colour screen. The students were required to develop a parts library, create component footprints, create a schematic and complete a layout. The adjudication was by small teams of experienced CAD designers plus anyone else who wishes to intervene, i.e. a fully transparent process. The event was very impressive and encouraged students in the electronics technologies relevant to CPMT.



Nihal Sinnadurai delivers the Distinguished Lecture



Paul Svasta, TIE Chair, and Nihal Sinnadurai



The competition under way

Some 39 students (both female and male) participated in the competition and I watched the impressive skills they displayed. The prizes to the top three were financial scholarships to support their ongoing education. All the funds received were from sponsors. Since then CPMT Society is also awarding a free one year CPMT Student membership to the winner.



The student winners: Third from left is Bogdan Raducanu who achieved the highest score. On the right is Prof. Paul Svasta who conceived the TIE competition and chairs the organizing team.

## IEEE Fellow and Senior Member Grades:

Submitted by Dr. Vasudeva P. Atluri, IEEE CPMT Society Newsletter Editor

### Fellow Grade:

An IEEE Fellow is a member of an elite group of global engineers with international recognition and known for their guidance and leadership in the world of electrical and electronic technology as it continues to evolve. The grade of Fellow recognizes unusual distinction in the profession and shall be conferred by the Board of Directors upon a person with an extraordinary record of accomplishments in any of the IEEE fields of interest. (Bylaw I-104:11) Nominees shall:

- Have accomplishments that have contributed importantly to the advancement or application of engineering, science and technology, bringing the realization of significant value to society.
- Hold Senior Member or Life Senior Member grade at the time the nomination is submitted.
- Have been a member in good standing in any grade for a period of five years or more preceding 1 January of the year of elevation.
- IEEE affiliate membership does not apply.

The year of elevation to the grade of Fellow is the year following approval by the Board of Directors conferring the grade of Fellow. Members elevated to the Fellow grade may use the title immediately following approval by the Board of Directors. All those elevated will receive a congratulatory letter, a framed certificate, and a Fellow pin.

The IEEE Fellow Committee actively seeks newsworthy Fellows. Do you want members to learn more about you? Do you have something interesting that you want to share? If so, please forward your story to [fellows@ieee.org](mailto:fellows@ieee.org). The IEEE Fellow Committee will contact you if your article will be featured in any IEEE publications.

Nominations for the IEEE Fellows class of 2011 are now open. While there are three methods of submission, IEEE highly recommend and urge your using the Electronic Fellow Nomination Process (EFNP). Thank you for participating in the nomination program.

Visit [www.ieee.org](http://www.ieee.org) for additional information related to IEEE Fellow Program.

### Senior Member Grade:

Senior Member is the highest grade for which IEEE members can apply. To be eligible for application, candidates must:

- Be engineers, scientists, educators, technical executives, or originators in IEEE-designated fields.
- Have experience reflecting professional maturity.
- Have been in professional practice for at least ten years.
- Show "significant performance" over a period of at least five of their years in professional practice.

### Benefits of Senior Membership:

- Recognition: The professional recognition of your peers for technical and professional excellence.
- Senior Member Plaque: Since January 1999, all newly elevated Senior Members have received an engraved Senior Member plaque to be proudly displayed for colleagues, clients and employers to see. The plaque, an attractive fine wood with bronze engraving, is sent within six to eight weeks after elevation.
- US\$25 Coupon: IEEE will recognize all newly elevated Senior Members with a coupon worth up to US\$25. This coupon can be used to join one new IEEE Society. The coupon expires on 31 December of the year in which it is received.
- Letter of Commendation: A letter of commendation will be sent to your employer on the achievement of Senior member grade (upon the request of the newly elected Senior Member).
- Announcements: Announcement of elevation can be made in Section/Society and/or local newsletters, newspapers and notices.
- Leadership Eligibility: Senior Members are eligible to hold executive IEEE volunteer positions.
- Ability to Refer Other Candidates: Senior Members can serve as a reference for other applicants for Senior Membership.
- Review Panel: Senior Members are invited to be on the panel to review Senior Member applications.

### Requirements for Senior Member Grade:

IEEE Bylaw I-104.3 sets forth the criteria for elevation to Senior Member grade as follows:

- A candidate shall be an engineer, scientist, educator, technical executive or originator in IEEE-designated fields.
- Candidates shall have been in professional practice for at least ten years.
- Candidates shall have shown significant performance over a period of at least five of those years.

In addition, candidates for Senior Member grade must supply three references from current IEEE members holding the grade of Fellow, Senior Member, or Honorary Member.

*IEEE-designated Fields* are Engineering, Computer sciences and information technology, Physical sciences, Biological and medical sciences, and Mathematics.

### Ten years of professional experience:

The ad hoc Admission and Advancement (A&A) Review Panel that is evaluating your application will count the years you have been in professional practice. Your educational experience is credited toward that time as follows:

- 3 years for a baccalaureate degree in an IEEE-designated field.