



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. 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 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.

- 4 years if you hold a baccalaureate and masters degree.
- 5 years if you hold a doctorate.

Five years of significant performance:

Many prospective applicants make the mistake of assuming that "significant performance" requires special awards, patents or other extremely sophisticated technical accomplishments; such is not the case. Substantial job responsibilities such as team leader, task supervisor, engineer in charge of a program or project, engineer or scientist performing research with some measure of success (papers), or faculty developing and teaching courses with research and publications, all are indications of significant performance well as the following:

- Substantial engineering, responsibility or achievement.
- Publication of engineering or scientific papers, books, or inventions.
- Technical direction or management of important scientific or engineering work with evidence of accomplishment.
- Recognized contributions to the welfare of the scientific or engineering profession.
- Development or furtherance of important scientific or engineering courses that fall within the IEEE designated fields of interest.
- Contributions equivalent to those of the above in such areas as technical editing, patent prosecution or patent law, provided these contributions serve to advance progress substantially in IEEE designated fields.

Significant performance that would serve to qualify an individual for elevation to Senior Member need not have occurred in the years immediately prior to the application. Thus, life and retired members are eligible for elevation.

References:

The applicant must also provide three references from current IEEE members holding Senior Member, Fellow or Honorary Member grade. Your professional colleagues are your best source of these references. If you have difficulty in locating Senior Members or Fellows to serve as references you have three options listed at www.ieee.org.

IEEE and CPMT Society Membership:

Join the IEEE and the CPMT Society Today!!! Learn more at www.ieee.org and www.cpmt.org. IEEE and CPMT Society are offering a World of Opportunities and are making a World of Difference. The benefits include access to Peer-Reviewed Journals Dedicated to Members' Field of Interest; CPMT Society Quarterly Newsletter; Dynamic Worldwide Conferences, Workshops, and Symposiums; Educational Opportunities; Active Local Chapters; Technical Committees; IEEE Xplore® on-line journals; Prestigious Awards Program; IEEE Fellows Program; and Members-Only Web Page.

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