

ten (10) years. One major contribution *will not* qualify. Contributions must be documented by open literature publications such as papers, patents, books and reports (available to the public).

Eligibility: Must have been a member of the IEEE and CPMT Society for the past three (3) years, including 2007.

- **Electronics Manufacturing Technology Award:** This award recognizes major contributions to Electronic Manufacturing Technology in fields encompassed by the CPMT Society.

Prize: \$2,500 and Certificate

Basis for Judging: Contributions may include technical development of, or management (directing) of major new electronic manufacturing processes; significantly increasing yield and/or reliability of established manufacturing processes, etc. Work in the management of CPMT conferences or its BoG may be contributory but not sufficient to receive the award.

Eligibility: No need to be a member of IEEE and CPMT Society.

- **Exceptional Technical Achievement Award:** This award recognizes an individual, or group of individuals (no more than three), for exceptional technical achievement in the fields encompassed by the CPMT Society.

Prize: \$2,500 and a Certificate.

Basis for Judging: Technical contributions of the nominee(s) must be such that they are considered to be exceptional, not achieved by most members. A single major contribution *will* qualify for this award. The contribution could be a significant invention, introduction of a significantly new and important technology or product (in which case, the nominee may be a team leader), or significant work that advances the state-of-the-art in CPMT's field of interest. The technical contributions must be documented by open literature publications such as papers, patents, books, and reports (available to the public). Technical recognition and awards from the organization employing the individual as well as awards from other IEEE and non-IEEE technical societies may also be contributory.

Eligibility: Recipient(s) must have been a member of IEEE and CPMT for the past three (3) years, including 2007. There are no requirements for service to the IEEE or CPMT Society.

- **Outstanding Young Engineer Award:** This award recognizes outstanding contributions to the fields encompassed by the CPMT Society through invention, technical development, publications, or new product implementation.

Prize: \$1,500 and Certificate plus one year free membership in CPMT with all CPMT Transactions.

Basis for Judging: Technical contributions through patent invention, contributions to technology or product development within the CPMT Field of Interest. May encompass management (directing) of significant new product introduction or implementation of major new electronic manufacturing processes; significantly increasing yield and/or reliability of established manufacturing processes. Contributions to the Society, through the BoG,

Conferences, Chapters, etc., will also be considered. Proof of contributions may consist of open literature publications (preferred) such as papers, patents, books, and reports (available to the public). At least three (3) letters from peers and management at the nominee's place of employment attesting to the accomplishment(s) can be accepted in lieu of publications.

Eligibility: Must have been a member of the IEEE and CPMT (member grade or above) for the past three (3) years, including 2007, and must be 35 years of age, or younger, on December 31st, 2007. Please provide Date of Birth (Month/Year) to ensure eligibility.

Guidelines for Nominators:

- Minimum three (3) reference letters must be submitted in support of all nominations. Reference letters can be provided by IEEE/CPMT members and non-members.
- Past recipients of an award are not eligible to receive that same award a second time. For a list of past awardees, see the CPMT Society Home page (www.cpmt.org/awards).
- An individual may submit only one nomination per award but may submit nominations for more than one award.
- It is the responsibility of the nominator to provide quality documentation to assist the Awards Committee in evaluating the candidate.
- Please send nominations to CPMT Awards Committee Chair by e-mail, fax or mail. If you fax a nomination, please follow-up with an email.

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IEEE Fellow Nomination Process

Dr. David Palmer
IEEE CPMT Fellow Search Committee

March 1st was the deadline for submitting nominations for the next group of IEEE Fellows of the Institute which will be announce at the end of 2007. Thus, it is a good time to remember what the quest for Fellow is about and to get ready to start the process for the next year. To quote from the IEEE web site:

“The grade of Fellow recognizes unusual distinction in the profession and shall be conferred only by invitation of the Board of Directors upon a person of outstanding and extraordinary qualifications and experience in IEEE-designated fields, and who has made important individual contributions to one or more of these fields.”

The total number selected in any one year does not exceed one-tenth percent of the total voting Institute membership. For the last few years about 250 new Fellows have been appointed out of about 600 nominations. CPMT averages about 5 new Fellows a year. We have more than 100 Fellows in our current Society membership of 3000.

In addition to professional distinction, the qualifications an IEEE member needs before being nominated are:

- Must be a senior member at time of nomination

- Must be current in dues (yes, even distinguished engineers forget to renew)
- Must be a member for 5 years (Affiliate member does not count)
- Nominator must get all forms to IEEE web site by March 1st

Through this year one could download the forms, fill them out, and mail them to IEEE headquarters. For the coming year the system will be completely electronic, working from the IEEE web site. The new web site is not yet activated for new nominations but in a few months perform a search on "Fellow nomination" from the new www.ieee.org page and you will get the complete process instructions.

If you know someone who qualifies for the Fellow level you can be a nominator. You do not need anyone's permission. If you need more guidance than is on the IEEE web site you can contact anyone on the CPMT board of Governors or talk to Rao Tummala or Dave Palmer on the Fellow Search committee (see contact information on page 2).

The best steps to success are:

1. Have the Fellow candidate write an extensive resume and list all publications and presentations they have made. With this information you complete the IEEE Fellow nomination form on the web (but make a copy that you can send to potential references). It is usually important to focus on the several technical and organizational contributions that distinguish the candidate in their field. This is typically better than to list only a thousand small contributions that total a lot but did not make an obvious big difference in any technology or organization.
2. Line up between 5 and 8 Fellows in related fields that know of the candidates work or can quickly appreciate it. For example, if the candidate contributed in thermal management, there are a number of Fellows in CPMT that would be ideal for reviewing the nomination.
3. Push everyone to submit everything in February at the latest. About half the nominations miss the deadline and must wait for the next cycle. As the nominator you will have access to the IEEE Fellows Application database and be able to see which references have yet to be submitted.
4. Let C. P. Wong on the CPMT Fellows Review Committee know that you are working on a nomination so he lines up enough society reviewers.

Once a nominator has done their job the work load passes on to C. P. Wong's committee. They review all the nominations submitted in the name of the CPMT Society. All nominations must go through a Society or Council. At this point it is important to have a nomination form that clearly states the candidate's service to IEEE, the Society, and the profession. A member that has spent many years organizing CPMT conferences or producing our publications has a natural advantage in the process of winning a professional award compared to an equal technical contributor but a non-participating member.

In a typical year the Fellow review committee will score and rank about 10 nomination packages and forward them to the IEEE Fellow committee. Historically our submitted nominees have about a 50% success rate. Submitting someone

for a series of years is common and should not be considered bad luck by either the nominator or the candidate.

The process takes typically about 20 hours by the candidate, 30 hours by the nominator, and 5 hours by each Fellow reference. CP's team spends many days in the process trying to strengthen every package and to get the right feedback to the nomination.

The Fellow Level recognition is among the highest in our engineering profession. Universities and Companies proudly state the number of Fellows in their staff. As CPMT Society members read the list of Fellows they nod knowingly as they see name after name of admired peers. If your time has come, start the nomination process.

CPMT Fellows

Current in Dues as of September, 2006

Submitted by Marsha S. Tickman, Executive Director

Cristina Amon	Yasuhiro Ando	Tawfik Rahal-Arabi
Inder Bahl	Henry Baltes	Diana Bendz
Gary Bernstein	David Blackburn	William Brown
L. Burrage	C. Campbell	Flavio Canavero
Andreas Cangelaris	Zoltan Cendes	Philip Ho Chan
Yan Chan	Rajen Chanchani	Harry Charles
William Chen	Kenneth Clarke	Evan Davidson
Alina Deutsch	Charvaka Duvvury	Charles Eldon
Aicha Elshabini-Riad	Irving Engelson	Leslie T. Falkingham
Leonard Feinstein	Wolfgang Fichtner	Paul Franzon
Philip Garrou	Ronald Gedney	Randy Geiger
Stanley Gershwin	Barry Gilbert	Bernard Gordon
Dimitry Grabbe	Martin Graham	Aditya Gupta
Ronald Gutmann	George Harman	J. Harnden
Erik Heijne	Eric Herz	J. Hilibrand
Todd Hubing	K. Irani	Rolf Jansen
R. Wayne Johnson	Nan Jokerst	George Katopis
Ravindhar Kaw	Jorma Kivilahti	Harry Kroger
R. Lafferty	Kanneth Lakin	John Lau
Chin Lee	Johan Liu	Jusheng Ma
Gary May	Michael McShane	James Meindl
Robert Mertens	James Morris	George Moschytz
Arthur Murphy	Khalil Najafi	Wataru Nakayama
Michel Nakhla	Luu Nguyen	Istvan Novak
Antonio Orlandi	Kanji Otsuka	David Palmer
S. Pookaiyaudom	W. Arthur Porter	John Powers
Karl Puttlitz	Herbert Reichl	Hugh Ross
A. Ruehli	Leonard Schaper	Jose Schutt-Aine
John Segelken	Gustave Shapiro	B. Siegel
Nihal Sinnadurai	Paul Slade	John Stafford
D. Strain	Toshio Sudo	Madhavan Swaminathan
Tasuku Takagi	Stuart Tewksbury	Ho-Ming Tong
W. Trybula	Leung Tsang	Tseung Tseng
Rao Tummala	Yonhua Tzeng	Ifeanyi Ume
Jacobus Vanwyk	Kikuo Wakino	Mauro Walker
Andreas Weisshaar	Paul Wesling	O. Winn
Ingo Wolff	C. P. Wong	Ralph Wyndrum
Hiroshi Yamada	Naoaki Yamanaka	Qi-Jun Zhang

IEEE Senior Membership

Dr. Vasudeva P. Atluri, Editor-in-Chief, IEEE CPMT Society Newsletter

Grade of Senior Member is the highest for which application may be made and shall require experience reflecting professional maturity. Candidate should be an engineer, scientist, educator, technical executive, or originator in IEEE designated fields. Candidate shall have shown significant practice for at least ten years and shall have shown significant performance over a period of at least five of those years.