

Kitty Pearsall, Strategic Program Director of Awards, had her report given by Al Puttlitz. They announced that the IEEE Field Award in Packaging and Manufacturing Technology was given to Dr. Karl Puttlitz and Mr. Paul Totta for developing and perfecting the C4 interconnection Chip to Substrate Bump Technology. The CPMT Awards Committee has an excellent global mix of university and industry members: Charles Lee of Infineon, Ning-Chin Lee of Indium, Kwang-Lung Lin of National Cheng Kung University-Taiwan, Petri Savolainen of Nokia, Ephraim Suhir of University of California, Ralph Russell of Virginia Power, Klaus-Jurgen Wolter of Technische Universitat Dresden, and Kitty Pearsall of IBM. The committee is glad that they have a number of nominees for the IEEE Field Award lined up but is asking for more nomination for all awards. In particular, it was suggested that CPMT Chapters submit nominations.

A discussion over a proposed "CPMT Regional Technical Contribution Award" brought out a number of interesting points on local versus global awards. The decision was delayed until the Award Committee can go through the feedback and make a new proposal.

Phil Garrou's nomination committee report was given by Marsha Tickman. The election results of the Members-at-Large for 2008-2011 were to be announced the following Monday: Steve Bezuk, Kitty Pearsall, Eric Perfecto, Ephraim Suhir, C.P. Wong, and Eric Beyne.

C.P Wong, Chair Fellows Committee, stated that 10 high caliber nominating packets were sent to the IEEE Fellow selection committee. Historically about half the nominees are awarded each year. The fellows committee: Ephraim Suhir, Alina Deutsch, George Harman, Rajen Chanchani, C. P. Wong (chair).

Tony Mak, Constitution and Bylaws Chair, had his report presented by Marsha Tickman. A lot of our Constitution has been mandated to be moved to the Bylaws to make the organization more flexible. IEEE also dictates that some new wording be inserted that prevents problems that have occurred in other Societies. All members will see these changes in an upcoming Newsletter.

C. P. Wong reported on the upcoming ECTC. The organizing committee has lined up 16 leading-edge professional development courses. 616 abstracts were submitted for the meeting. 42% were selected for presentation or poster sessions. An additional student poster session was created. ECA, the cosponsor, will increase their visibility at this conference, however, the ECTC is for the professionals in our technology and is not a marketing venue for industry.

Evening sessions will consist of: Product Development in Semiconductor Industry, 3-D Packaging coming to Reality, and Advanced Embedded Passive and Active device Technology. Itherm is collocated with ECTC.

Rao Bonda, Technical Vice President, presented a proposal for a Task Force on 3-D Electronics. This committee will provide an international forum for researchers and practitioners of 3-D electronics. Paul Franzon of North Carolina State University is taking the organizational lead. The scope will include processes, applications, and design of 3-D electronic systems and sub-assemblies.

Rolf Aschenbrenner, Vice President of Conferences, described the CPMT flagship conferences in 2008: ECTC in May at Disney World, ESTC in September in London, and EPTC in December in Singapore. He listed the 20 conferences that our Society has a major role in. Rolf described the merging of the ICEPT and HDP meetings in 2008. He then summarized the recent direction setting CPMT European meetings: Workshop on 3-D System Integration (Munich, Oct 2007), European Microelectronics and Packaging Conference & Exhibition (Oulu Finland, June 2007), Electronics System-Integration Technology Conference (London, Sept 2008), Electronics System-Integration Technology Conference (Berlin, Sept 2010), Polymers and Adhesives in Microelectronics and Photonics (Garmisch-Partenkirchen, Germany, August 2008), Spring Seminar on Electronics Technology (Budapest, May 2008).

IEEE-CPMT Society Awards for Year 2008

(Nomination Due Date: January 31, 2009)

Submitted by Dr. Kitty Pearsall, Strategic Director, IEEE CPMT Society

The CPMT Strategic Awards Director announces the call for nominations for their five, 2008 Society awards. The CPMT Society offers these awards for the purpose of recognizing outstanding service and contributions to furthering the professional purposes of IEEE and CPMT Society. While a nominee may have a specific award in mind when applying, the Awards Recognition Committee reserves the right to consider any nomination for awards other than the award suggested when, in its opinion, the support and justification may more appropriately apply to a different CPMT Society award. Winners will be notified by 28 February 2008 and the awards will be presented at the 58th Electronic Components and Technology Conference, May 27- My 30th, 2008, in Lake Buena Vista, Florida, USA.

After reviewing the high level summaries presented below, you will find a list of nomination submission requirements. The awards nomination form can be found on the CPMT Society Awards Home page (www.cpmt.org/awards).

- **David Feldman Outstanding Contribution Award:** This award recognizes outstanding contributions to the fields encompassed by the CPMT Society through executive or managerial directions.
Prize: \$2,500 and Certificate
Basis for Judging: Contributions to the organization or enterprises connected with the field, to CPMT Chapter, Section or Board of Governors activities, and to the fields encompassed by the CPMT Society.
Eligibility: Recipient must have been a member of IEEE and CPMT for the past five (5) years, including 2007.
- **Outstanding Sustained Technical Contributions Award:** This award recognizes outstanding sustained and continuing contributions to the technology in fields encompassed by the CPMT Society.
Prize: \$2,500 and Certificate
Basis for Judging: Technical contributions must be sustained and continuing over a period of at least five (5) and preferably 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 pub-

lications (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 Awards 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.

Kitty Pearsall, Ph.D.
IBM, Bldg 045/2C-40
11400 Burnet Road
Austin, Texas 78758
Phone: +1-512-838-7215
Fax: +1-512-838-7134
Email address: kittyp@us.ibm.com

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 announced at the end of 2008. 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)