



**Components, Packaging,
and Manufacturing
Technology Society**


Newsletter

The Global Society for Microelectronics Systems Packaging

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www.cpmt.org
www.enh.ieee.org/soc/cpmt/newsletter

President's Column.....



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Greetings!!!

Conferences

By now you have probably received the advanced program for the 2007 ECTC Reno conference in your email inbox. Sometimes I think of our technical conferences as like music festivals with classic symphonies, chamber music, individual recitals and master classes. At music festivals the musicians and music lovers come together to play and to listen. Together they celebrate their arts, enjoy the human interactions and most of all have fun. In the IEEE/CPMT conferences, the programs will include different sessions of paper presentations, posters, keynotes and panel sessions. We bring our major research findings and brilliant ideas to the stage in front of the glaring lights of our peers around the world. This is the time when one presents the crucial discoveries, triumphs of all sizes and lessons learned to a fair hearing among fellow engineers around the world. Along the hallways and hotel lobbies, during breakfasts and coffee breaks, we meet old friends and make new ones, touching base on the happenings in industry, research facilities and academia.

Last year was my first year as president of CPMT and I made a special effort to attend as many CPMT-sponsored conferences as my schedule allowed. I had the opportunity to meet many of you in your home regions. These have been great learning experiences. I have always come away invigorated and inspired with knowledge of science and technology progress. Whether these ideas were fresh beginnings of mature technologies or brand new innovations, these inspirations would stay with me for days to come. Most important of all – I always had fun.

Please open up your electronic copy of the 2007 ECTC advanced program (www.ectc.net). I hope you would agree that maestros Eric Perfecto, Torsten Wipiejewski, Rao Bonda and their merry compatriots, have produced an outstanding technical program. The program truly reflects the enormous dynamism, boundless creativity and innovative spirit of the IEEE/CPMT profession ...

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Cartoon of the Month:

ANOTHER PUSH OFF SHORE

1040 AMT U.S Individual Income Tax SS # _____

ALTERNATE MAXWELL TAX

Multiply entry in line 57 of your 1040 form by the appropriate factor from the choices below. Put the result on line 63, labeled "Total Tax":

X 1.2 if you only used the Maxwell Equations for static solution during the year.

X 1.25 if you used all 4 equations for dynamic solutions

X 1.30 if you used Maxwell Equations in lecture notes or IEEE publications

X 1.35 if you used Maxwell Equations on the weekends instead of stimulating our consumer economy

Staple your MAX-1099 form provided by your employer to the front of your completed and signed 1040 form. In reaching a solution assume your money goes to zero at the boundary between your assets and the government needs.

... By Dave Palmer

JOIN and SUPPORT the CPMT SOCIETY
www.cpmt.org

IEEE CPMT Society Newsletter

March 2007

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and the industries in which our professionals are engaged. The 2007 ECTC in Reno promises to be an outstanding technical conference. I hope to see many of you there.

As music festivals are blossoming all over the world all year around, the same is true for IEEE/CPMT technical conferences. In my email inbox I have received notices of ICEPT in Shanghai, China, organized by the China Packaging Society with technical co-sponsorship with CPMT Chapter in Beijing. IEMT (Santa Clara this year), IMPACT in Taiwan, EPTC (Singapore) and EMAP (Korea this year) have all sent me their early announcements. In Europe, CPMT is co-sponsoring the IMAPS Europe EMPC 2007 conference in June. There are many other CPMT technical conferences being organized around the world. Your CPMT Web page (www.cpmc.org) is an excellent fountain of information for up-to-date IEEE/CPMT technical conferences.

CPMT technical conferences and topical workshops are organized by volunteers. Who are these volunteers? Typically they are some of the busiest people around. Often they have volunteered for other professional and technical society services, such as in CPMT Chapters or IEEE Sections. Sometimes they have dual active affiliations such as in MRS, ASME, IMAPS or SMTA. If you ask what motivated them to organize the CPMT technical conference on top of their full-time job, you may get a brilliant smile and a straight answer such as "It is the best fun I've had in a long time."

Whatever the motivations for our volunteers, technical conferences are vitally important for our profession and our membership. CPMT professionals are spread world-wide as electronics products and semiconductor applications penetrate more and more industries. Research in electronics and the integration of electronics in industries are increasing. In response, packaging technologies are fast evolving, and so are the industry business models and end-product applications. We need bold vision, out-of-the-box thinking, and new innovations more than ever. While our conferences are good, some of them are very good, and a few excellent. We must continue to innovate with the program formats and contents to bring them up from good to very good, from very good to excellent, and from excellent to great.

Together with the members of the CPMT Board of Governors, we have had strategic workshop sessions in June and November last year to discuss our vision and goals and strategy for the future. One important direction is to build strong linkages between the different Society value propositions: eg, between publications and conferences. As a step in that direction, we have had some conference-call brain-storming sessions with our VP for Publications and the Editors-in-Chief of the Transactions, to explore the vision for the Transactions and their stakeholders, as well as the strategies to reach that vision. Embedded in those dialogues are the objectives to find synergism and value in collaborating between different value propositions in CPMT and in IEEE. We shall have another workshop session this June to continue our work towards those directions for the CPMT Society.

Please give us your feedback. We want to hear from you.

Two Petition for a Place on IEEE Ballot

Two IEEE members are petitioning to be placed on the 2007 annual election ballot. Fellow **Ralph W. Wyndrum Jr.** is running for 2008 IEEE president-elect, and Fellow **Roger D. Pollard** for 2008 vice president-elect, Technical Activities.

Eligible voting members who want to sign the candidates' electronic petitions can do so at www.ieee.org/election. This site also contains background information on each candidate.

Society News:

IEEE Components, Packaging and Manufacturing Technology Society

Board of Governors Meeting

November 11th, 2006

Dallas, Texas, USA

MINUTES

(Unapproved Minutes, subject to confirmation)

1. Call to Order

President William Chen called the meeting to order at 8:35 a.m. Saturday, 11 November 2006. It was confirmed that a quorum was present.

2. Old Business

The results of e-mail ballots were confirmed as follows:

2006-05 Approve budgeting 2007 initiative funding of \$40K.

APPROVED

3. IEEE Technical Activities Board (TAB) Treasurer's Report

IEEE Technical Activities Board (TAB) Treasurer Harold Flescher presented a report on IEEE Indirect Infrastructure Expenses, reviewing the history and discussing the proposed new funding model.

4. President's Report

CPMT President William Chen reviewed his report, including his perspective on the job responsibilities of the CPMT President as CEO and Ambassador, and in operational aspects of the Society. He discussed his views on the importance of using CPMT value propositions to build CPMT's global communities.

5. Finances

A. Vice President's Report

Vice President, Finance Thomas Reynolds reviewed his report, highlighting final 2007 budgeted discretionary spending items, and summary of expense and revenue cost centers (2004 actuals through 2007 budget).

6. ECTC Integration: Strategic Program Director's Report

56th ECTC Vice-General Chair Eric Perfecto reviewed his report describing highlights of the 56th ECTC in San Diego, noting that attendance was second highest in history (1180). He also presented information about the 57th ECTC in Reno, noting another strong year for abstract submission.