

September
2010
Newsletter



International Association for Continuing Engineering Education

Message from IACEE President Nelson Baker



Welcome to fall, 2010! The past three months have been filled with activities, both planning and executing our future as an organization. This newsletter provides you many important updates concerning moving the IACEE headquarters from ASEE to Georgia Tech on an interim basis, the IACEE strategic planning process, and the upcoming WCCEE conference in Singapore Oct 17-19 along with our slate of candidates for election to IACEE Council.

In addition to the many articles in this newsletter, I would like to take this opportunity to update you on a couple of discussions.

First, several members of Council are working with me and an outside consultant to develop a new IACEE website: one targeted to providing global access and member services. The site will feature a member only section, a place for sharing information among members, a calendar of events and the ability to maintain our membership records, invoicing and payment in an electronic fashion. The website will be the cornerstone for both membership activities as well as IACEE communication, so be ready to test drive the new site soon.

Secondly, projects such as DAETE and CEE Manager Training are gaining momentum. We have had several calls from corporate entities expressing interest in DAETE and the desire to join and/or help move the project forward as they see the benefit in such a tool and process. Several of you are now using DAETE in

your planning processes and then sharing feedback with others who are developing next steps for the tools. We have members joining as registered users of DAETE so that they can obtain detailed feedback concerning best practices. The majority of funds generated from this additional membership status go back into project development, thus enabling your new ideas to be implemented. If you have not yet joined as a registered user, please contact [John Klus](#) for details. The desire for CEE manager training is also being discussed and requested, especially in light of leadership changes and the rapid changes to the context in which we operate. We as leaders need to be actively engaged in developing ourselves, so the programs will be a critical part of defining IACEE and its members.

I continue to be excited and motivated by our members. I want to assure each of you that I and the Council are listening to you and that we seek your input. Feel free to contact any of us. I look forward to seeing each of you in Singapore in just a few weeks. If you have not yet registered for the conference, please see <http://www.wccee2010.org> – it will be an exciting time, so do not miss out!

All the best,

Nelson

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12th IACEE World Conference on Continuing Engineering Education

The 12th World Conference on Continuing Engineering Education (WCCEE) will be held in Singapore from 17 to 19 October 2010. The International Association for Continuing Engineering Education (IACEE) and the National University of Singapore are the joint hosts of the event. The following exciting program has been arranged.

IACEE Joseph M. Biedenbach Distinguished Lectureship Award

Award Lecture on "Engineering Education: Serving God or Mammon?" presented by Dr Mervyn Jones, Imperial College London, UK.

IACEE Glen L. Martin Award for Corporate Leadership in Continuing Engineering Education

Award Lecture presented by Baosteel Group Corporation, Shanghai, China

Keynote Lectures

1. "Professional Development - A Grassroot Perspective" by Ms. Merja Strengell, Chairman, Board of the Finnish Society of Graduate Engineers, Finland.
2. "Research, Engineering and Continuing Engineering Education in Tsinghua University" by Prof Huatang Zhang, Tsinghua University, China.

Panel Discussions

1. "Choices and Challenges: Meeting the Education Needs of the Global Engineering Workforce" chaired by Dr Andy DiPaolo, Stanford University, USA.
2. "Quality assurance of continuing engineering education programs" by an international panel.

Besides the above, experts on continuing engineering education worldwide will present about 100 papers on various aspects of professional development for engineers in different parts of the world. The conference will be held at the National University of Singapore on 17 and 18 October 2010. The joint WCCEE-GCEE sessions will be held at Marina Bay Sands Resort on 19 October 2010. The panelists who will make presentations include Prof Jim Poo, Director of B Tech Program, National University of Singapore and Ms Kim A. Scalzo, State University of New York, USA.

Interested persons who would like to attend WCCEE may fill in the [registration form](#) and send it to wccee2010@nus.edu.sg. Further information may be found at www.wccee2010.org.



The first 2 days of WCCEE will be held at the National University of Singapore



The third day of the WCCEE will be held at Marina Bay Sands Resort

Announcement for 18 October General Membership Meeting (GMM)

Article 4.1 of the IACEE Bylaws specifies: "A general meeting of the members shall be held at least once in every two years at a time and place to be determined by the Council. Whenever possible a General Membership Meeting (GMM) shall be held during the World Conference on Continuing Engineering Education. The GMM shall elect the President and the other members of Council. The GMM shall also review the general policy of the Association, and discuss the prospects and developments in continuing engineering education."

The 2010 General Membership Meeting has been scheduled for 4:00 – 5:15 p.m. on Monday afternoon, 18 October at the National University of Singapore, site of the other Monday activities of the 12th WCCEE. Elsewhere in this Newsletter you will find the report of the IACEE Nominating Committee, chaired by Past President Mervyn Jones. A major agenda item at the GMM will be the election of the President and Council for the 2010-2012 biennium. Each Individual Member will be entitled to cast one vote and each Institutional Member shall be entitled to cast five votes in the election.

Other business at the GMM will include an update on IACEE activities and directions by President Nelson Baker, focusing especially on the Strategic Planning activities that have been underway since he assumed office in October 2009. Members of the 2008-2010 Council and new members of the 2010-2012 Council will be present at the GMM to receive your comments/questions about the recent activities of our Association.

Be there to participate!

Organization Highlights

U.S. Announces Program to Support Higher Engineering Education in Vietnam

The U.S. Agency for International Development has awarded Arizona State University in partnership with Portland State University and Intel Corporation a three year grant to enhance the quality of engineering education at Vietnam's top technical universities. Faculty from Hanoi University of Technology, HCMC University of Technology, Can Tho University, HCMC University of Technical Education, and Da Nang University of Technology will participate in programs to enhance the quality of the mechanical and electrical engineering curriculum at the Vietnam universities. More information is available at the [U.S. AID web site](#) or from [Jeffrey S. Goss](#) at [Arizona State University](#).

Center for Lifelong Engineering Education - University of Texas at Austin

The University of Texas at Austin's Cockrell School of Engineering offers a series of diverse continuing education options through the Center for Lifelong Engineering Education (CLEE). For over 30 years, CLEE with executive director Cath Polito has offered engineering education in the following areas: airports, biomedical, civil, computer, electrical, business & management, environmental, ethics, leadership, mechanical, petroleum, and software. CLEE's current offerings include a multidisciplinary approach using renowned faculty and qualified practitioners/subject matter experts to present certificate programs, conferences, custom on-sites, e-Training, and weekend MS degrees (Engineering Management, Integrated Circuits & Systems, and Software Engineering). For more information go to: www.UTclee.org or contact [Cath Polito](#).

American Society for Engineering Education Events

Upcoming ASEE events include:

[2011 Conference for Industry and Education Collaboration](#)

February 2-4, 2011
San Antonio, TX

[2011 Engineering Research Council Annual Conference](#)

March 6-8, 2011
Washington D.C.

2010 Relocation of IACEE Headquarters

From the founding of IACEE in May 1989, the headquarters operation of the association was hosted for 12 years at Helsinki University of Technology (HUT) in Espoo, Finland. In 2001 it was relocated to the Lahti Center of HUT, some 120 kilometers north of Espoo. After little more than a year in Lahti, it became

necessary to seek a new home and the American Society for Engineering Education (ASEE) stepped forward to serve as IACEE Headquarters in 2002. For the past eight years ASEE Headquarters in Washington, DC, USA has served as IACEE's home.

In March 2010 we learned that ASEE would not be able to continue as IACEE's headquarters after the 12th IACEE World Conference on Continuing Engineering Education in Singapore in October 2010. Your IACEE Council began immediately to investigate our alternatives. For starters, we prepared a list of all the functions that we would like performed by a headquarters in an ideal world. At the Executive Committee meeting on 20-21 May in Beijing, China considerable attention was paid to the relocation of headquarters. IACEE President Nelson Baker volunteered his home base at Georgia Tech in Atlanta as an interim staging point for a new headquarters while IACEE searches for a long-term home. The Executive Committee on 20 May passed the following motion: "that Nelson Baker be empowered to move headquarters to Georgia Tech on an interim basis."

In parallel with much of this relocation activity, long-time Council member and Past President (1998-2001) Frank Burris retired from UCLA Extension in December 2009 and began volunteer work for IACEE in February 2010. In May he assumed the title Secretary General for IACEE. On 9 June Nelson Baker and Frank Burris visited ASEE headquarters to meet with ASEE staff who had been involved in IACEE administration in varying degrees. It was determined that ASEE had received approximately 23 boxes (12 inches x 17 inches) of archival materials from Finland in 2002. On 23 July these 23 boxes were shipped to Atlanta and on 10-11 August Nelson and Frank sorted through these materials and managed to dispose of approximately 75% of the contents.

During the summer we also investigated options for administering the IACEE website, keeping membership records, invoicing dues, and keeping financial records. In August we made a decision to contract with Vieth Consulting in Grand Ledge, Michigan, USA to help us manage these functions. Vieth has a product called its Membership Management System that seems to meet our needs at an affordable price and we have begun the re-design and updating of the website. While much progress has been made over the past five months, much remains to be done. Some headquarters functions like dues invoicing have fallen behind and it will take some time to get things back on track.

Effective immediately, consider IACEE Headquarters to have moved to President Nelson Baker's office suite at the Georgia Institute of Technology, with the following new contact information:

**IACEE c/o Georgia Tech
Distance Learning and Professional Education
Global Learning Center
84 Fifth Street N. W.
Atlanta, GA 30318-1031**

USA

TEL: +1-404-385-3435

FAX: +1-404-385-0544

E-mail: info@iacee.org

Carla Hendricks, Nelson's administrative assistant, will be answering the IACEE phone during normal business hours.

While Secretary General Frank Burris will continue to reside at his home in California, he can be reached through the above contact information or, perhaps more expeditiously, at his home address:

**IACEE c/o Frank E. Burris
28744 Aries Street
Agoura Hills, CA 91301-1711
USA**

TEL: +1-818-597-0467

Mobile: +1-818-212-3532

E-mail: frank.e.burris@gmail.com or f.burris@iacee.org or info@iacee.org

We welcome your questions/comments about the relocation efforts underway and hope to be fully operational with the new headquarters by the end of October. Please be patient as we "re-invent" many of our systems!

IACEE Strategic Planning Process Update

Your IACEE organizational leadership has been actively engaged in a Strategic Planning Process that is meant to shape the energy and directions of our organization over the next five years. Every member of the IACEE Council has had a role in developing the plan and it is exciting to see the creative yet practical ideas that have emerged. We look forward to presenting the endorsed document at the IACEE Council meeting and General Membership Meeting that will take place in Singapore in October.

This process was launched in February, 2010 at a half-day planning workshop at the Executive Committee meeting in Palm Springs, California, and work on it has continued throughout the ensuing months through the efforts of 4 Goal Teams and a Strategic Planning Leadership Team. We have provided a "sneak preview" of the plan at the end of this article sharing the Vision, Mission and 4 major Strategic Goals. There has been considerable work done by the teams to flesh out these major goals with very specific strategies, action, timelines, and critical success indicators. The finalized plan will be shared with all members via the IACEE website when it is completed and endorsed. In the meantime, a draft version is now available at <http://www.iacee.org> (under the News Heading) and all members are invited to provide comments to the leadership team. We also encourage your active contribution to the organization by participating in the work of one of the Goal Teams. The names and email addresses of the Strategic Planning Leadership

Team and Goal Team Leaders are noted in the plan information below.

The process we have followed in developing this Strategic Plan is known as “Applied Strategic Planning” which is defined as the “process by which the guiding members of an organization envision its future and develop the necessary procedures and operations to achieve that future.” There is an emphasis on vision supported by practical and ongoing action. In fact, many key action items identified during this process have already been carried out. We do not envision our plan as a static document that gathers dust, but as a living document that is regularly used by Council and provides direction and coherence to our work. The goals we have set for the IACEE planning exercise are as follows:

- Set high-level directions for the organization for a 5-year period with specific strategies and actions reviewed and adjusted in one-year increments
- Engage membership more actively through the formation of “Goal Teams”
- Provide a framework for reviewing progress toward goals as a regular feature of Council and Executive Committee meetings

The following graphic displays how this process has unfolded since the beginning of 2010 and how it will continue into the future:



The major elements of the plan are noted below with names and email addresses of key participants. Please join us in this very important endeavor for the future of IACEE!

Strategic Planning Leadership Committee: [Nelson Baker](#), [Sue Bray](#), and [Kim Scalzo](#)

VISION: IACEE in 5 Years

IACEE is an international professional development organization and gateway for the Continuing Engineering Education Community providing access to worldwide leaders, pioneering ideas, and best practices. It has attracted a diverse

membership of individuals who are drawn from many regions of the globe, come from multiple engineering disciplines, and represent varied organizational affiliations. IACEE is the advocate for the importance of engineering professional development in a global context and champions its pursuit. It is known for:

- Programs , services and global networks serving a broad spectrum of engineering professional development providers from newcomers to seasoned professionals
- Outstanding tools to support the assessment of quality in engineering professional development organizations and programs
- Linking engineering professional development providers with the needs of industry, government and individuals
- Events that can't be missed: World Conference, Regional Programs, Virtual Programs
- "Think tank" incubation of ideas that are sought after by corporations and governments worldwide!

MISSION:

IACEE is an international organization designed to expand the effectiveness and global perspectives of continuing engineering education through its members and association with individuals and organizations from around the world. It sponsors professional development activities, facilitates networking opportunities, promotes collaborative projects, and is a global advocate for continuing engineering education through a series of programs and services that foster active member engagement.

STRATEGIC GOALS:

- **Goal #1: Products and Services**
Provide a range of outstanding products and high quality services to IACEE members and influence engineering professional development worldwide.
Goal Team Leader: [Alfredo Soeiro](#)
- **Goal #2: Communication/Member Engagement**
Promote active engagement of the IACEE community through a robust online presence and ongoing communication strategies that support the networking, professional development, and collaboration activities of the organization.
Goal Team Leader: [Louk Fennis](#)
- **Goal #3: Membership**
Increase the number, diversity, and engagement of IACEE members over the next five years to grow the organization and ensure that a truly global perspective can be brought to IACEE activities and events fostering the diversity of engineers worldwide.
Goal Team Leader: [Frank Burris](#)

- **Goal #4: Organizational Sustainability**

Re-align the organizational structure of IACEE to ensure that the Vision and Mission are achieved within five years and are sustained by committed volunteer leadership, a strong secretariat, and adequate financial resources.

Goal Team Leader: [Mervyn Jones](#)

Nominations for the IACEE 2010-2012 Council

Mervyn Jones, Council Past President has announced the slate of candidates nominated for membership on the 2010 – 2012 IACEE Council. All members of the association in attendance at the meeting are eligible to participate in the selection process. A number of the seats on the board are designated as representing partner organizations, with the remainder elected from the general membership. The balloting for the council will take place at the General Membership Meeting (GMM) on October 18 at the Singapore WCCEE. For more information contact [Mervyn Jones](#) or [Frank Burris](#).

President (elected at GMM)

- Nelson Baker - Georgia Tech, USA

Past President (appointed by Council)

- Mervyn Jones - Imperial College London, UK

Secretary General

- Frank Burris - UCLA Extension (retired), USA

Regional Leader Organization (appointed by their RLO)

- Patricia Hall, representing ASEE - University of Tulsa, USA
- Cheng Jianping, representing CACEE - Tsinghua University, China
- Wim van Petegem, representing SEFI - KU Leuven, Belgium

Professional Organizations

- Sergey Gavriushin - RACEE President, Moscow Bauman State Technical University, Russia

Industrial Organizations and Companies (elected by IO&C members)

- OPEN

Academic Organizations and other Coordinators and Providers of CEE
(elected by AO & OC & P members)

- Tuula Bergqvist - Chalmers University, Sweden
- Ed Borbely - University of Michigan, USA
- Sue Bray - New Vistas, USA
- Andy DiPaolo - Stanford University, USA
- Linda Krute - North Carolina State University, USA
- Colin Leung - National University of Singapore, Singapore
- Patricio Montesinos - U P Valencia, Spain
- Philip O'Leary - University of Wisconsin, USA
- Cath Polito - University of Texas at Austin, USA
- Kim Scalzo - State University of New York, USA
- Katrina Schrey-Niemenmaa - Metropolia University, Finland

Individual Members (elected by individual members)

- Louk Fennis - Retired, Netherlands
- Leizer Lerner - Retired, Brazil
- Alfredo Soeiro - University of Porto, Portugal

Solicitation of Dues Payments

As noted elsewhere in this IACEE Newsletter, we are undergoing some relocation "challenges" because of the systems changes being forced by the relocation of our Headquarters. One of those "challenges" is the inability to invoice for lapsed dues payments in a timely manner until our new Membership Management System is up and running. Approximately 25% of our current membership has lapsed during this transition period.

Annual membership dues for Institutional Members is US\$250 and for Individual Members is US\$50. If you are an Institutional Member or Individual Member whose dues have lapsed earlier this year (e.g., many memberships expired on 31 July 2010), please remit the appropriate amount to our new headquarters in Atlanta as soon as possible to help our cash flow during this transition. We anticipate this problem will be corrected by October and thank you for your patience.

If you are interested in becoming a member, please fill out this [Application for IACEE Membership](#).

Calendar Items

**12th IACEE World Conference on Continuing
Engineering Education**

October 17-19, 2010
Singapore

**9th Annual ASEE Global Colloquium on
Engineering Education**

October 18-21, 2010
Singapore



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