

Secretary General's Corner

Fall greetings (or spring greetings to those of you in the southern hemisphere) to all IACEE members from one of the two sites of our new "distributed Headquarters." As noted in the last Newsletter, throughout the past summer and early fall we were engaged in the relocation of IACEE Headquarters' functions from ASEE in Washington, DC to the campus of Georgia Tech in Atlanta, Georgia, USA. This relocation was, except for a few minor details, completed in October 2010. IACEE Headquarters is now located in the office suite of the Vice Provost, Distance Learning & Professional Education (IACEE President Nelson C. Baker) at Georgia Tech, with the following contact information:

IACEE Headquarters
c/o Georgia Institute of Technology
Distance Learning & Professional Education
Global Learning Center
84 Fifth Street NW
Atlanta, GA 30308-1031
USA

Phone: +1-404-385-3534
(Located in the Eastern Time Zone of the USA or GMT - 5)
Fax: +1-404-385-0544
Email: info@iacee.org or n.baker@iacee.org

In addition to the official Headquarters address in Atlanta, much of the day-to-day administration is being handled by Secretary General Frank E. Burris from his home in California, with the following contact information:

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

Phone: +1-818-597-0467
(Located in the Pacific Time Zone of the USA or GMT - 8)
Email: frank.e.burris@gmail.com or f.burris@iacee.org or info@iacee.org

With inspiring leadership by President Nelson Baker, IACEE has made some very major strides forward since the October 2009 Council Meeting in Aarhus, Denmark. In addition to undertaking the relocation of Headquarters, we have also:

1. Hired Vieth Consulting to develop a new website www.iacee.org and to re-create our records in Vieth's Membership Management System;
2. Developed a new five-year Strategic Plan, which was approved recently by Council;
3. Organized and executed a successful 12th World Conference on Continuing Engineering Education in Singapore, with leadership by Colin C.F. Leung and his colleagues from the National University of Singapore.
4. Election and formation of the 2010-2012 IACEE Council.

Short articles containing additional details on each of these activities follow in this Newsletter.

We've made some tremendous progress in IACEE in 2010 and we are all quite excited about the rebirth that has taken place this year. You and your professional colleagues in CEE will definitely want to be a part of this "New IACEE" and we look forward to your active participation throughout the coming year and in planning for our next major global event in Valencia in 2012.

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Calendar Items

13th IACEE World Conference on CEE
May 17-19, 2012
Valencia, Spain

12th IACEE World Conference on CEE and World Engineering Education Forum

Submitted by: Frank Burris

Mid-October 2010 brought an outstanding gathering of international leaders in engineering education to Singapore for the first World Engineering Education Forum (WEEF). WEEF consisted of five partially overlapping meetings of five international groups:

1. 12th IACEE World Conference on Continuing Engineering Education (WCCEE)
2. 9th ASEE Global Colloquium on Engineering Education (GCEE);
3. 5th International Federation of Engineering Education Societies (IFEES) Summit;
4. 1st Global Engineering Deans Council (GEDC) Conference;
5. 7th Global Student Forum (GSF).

IACEE led the way with our 12th WCCEE on 17-19 October, with the first two days held at the National University of Singapore and the third day at the 6-month-old WEEF headquarters hotel, the spectacular Marina Bay Sands Resort. WEEF overall registration exceeded 700, while WCCEE participants numbered 100, with more than half from Asia and including a very large Chinese delegation. WCCEE presentations included two award lectures (see next Newsletter item), four keynote/invited lectures, eight speakers on two invited panels, and approximately seventy authored paper presentations. The 12th WCCEE website may be viewed at <http://www.wccee2010.org/> and the Proceedings are available on CD-ROM (ISBN: 978-981-08-7156-7).

In addition to the conference activities, your 2008-2010 IACEE Council met all day on October 16 at NUS to wrap up its business details before passing the Council responsibilities to the new 2010-2012 IACEE Council, which held its formative meeting on 19 October. Minutes from both these Council meetings are posted on the [website](#).

IACEE Awards Presentations at 12th WCCEE

Submitted by: Frank Burris

IACEE's two principal awards were formally presented at the recent World Conference in Singapore. On the opening morning of the Conference, for the sixth time our Glen L. Martin Award for Corporate Leadership in Continuing Engineering Education was presented to Baosteel Group Corporation of Shanghai, China. Accepting this award on behalf of Baosteel Group was Ms. Feng Aihua, Vice President of the Baosteel Talent Development Institute. As has been our custom, this award presentation was accompanied by a presentation of the awardee's program by an officer of the recipient company. VP Feng Aihua kept the rapt attention of conference participants as she delivered "To Establish a Training System Aiming at Competence Enhancement." We congratulate Baosteel and VP Feng and thank Prof. Hu Dongcheng of Tsinghua University for nominating the Baosteel Group for this award.

Two days later, at the Tuesday afternoon session of the conference, IACEE presented its Joseph M. Biedenbach Distinguished Lectureship Award for the eighth time to Dr. Mervyn E. Jones of Imperial College London. Dr. Jones delivered his lecture entitled "Engineering Education: Serving God or Mammon?" to a very interested audience. We congratulate Mervyn on the achievements that brought him this recognition and thank Council Member Katriina Schrey-Niemenmaa of Finland for nominating him.

Given that the next World Conference is only 17 months away, we encourage the membership to think about nominees for these awards in Valencia. **Katriina Schrey-Niemenmaa** is serving as the Awards Committee Chair on the 2010-2012 Council.

CPD Accreditation Good-Practice Framework for EU Employers of Engineers and Technicians

Submitted by: Alfredo Soeiro

On 10 October 2010 a Leonardo da Vinci program funded by the European Commission began. It is coordinated by the Institution Engineers of Ireland. I represent Ordem dos Engenheiros, which is the Portuguese engineering professional organization. The first project meeting is 1-3 December in Dublin. The summary of the project is:

"The aim is to share the methodology, training and support materials of the Engineers Ireland Continuing Professional Development (CPD) Accredited Employer standard with European partners and to learn from them how they provide lifelong learning for engineers and technicians at all levels of education, but with a focus on NQF/EQF Level 5 and over. The outcome will be a proposed European framework for CPD for employers of engineers, technicians and technologists.

The chosen priority projects should support close links to working life in order to make Vocational Educational Training (VET) more responsive to labour market needs. This proposal links directly to this desire as the workplace, in this instance, becomes the central

focus for the learning experience; i.e. through creating excellent organisational learning environments.

The project will aim to improve the identification of common competency gaps across the EU, mapping how VET interventions can assist in bridging these gaps, with on-job solutions and assignments as key components.

In evaluating CPD, we promote a learning outcome model and indeed have been at the fore in Ireland in driving the use of the award-winning Brinkerhoff 'Success Case Method.'

Our partnership approach centres on the employer and the place of employment with excellent tools such as Coaching, Mentoring, Talent Management, Succession Planning, 360 degree feedback, Knowledge Management, Performance Management and other elements combined to create a success ladder for each engaged learner, from apprentice to technician to PhD.

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EUR-ACE Spread Project Report

A report of the **EUR-ACE Spread** project was presented on October 25 in Brussels. Visit the site for more information.

These aims thus match all elements of the European priority in this call under section C.2.3. and are entirely complementary of the roles and recommendations of both IFEEES (International Federation of Engineering Education Societies) and ENAEE (European Network for Accreditation of Engineering Education) to which Engineers Ireland is closely affiliated."

New IACEE Website and Membership Management System

Submitted by: Frank Burris

Our new IACEE website has the same URL as the former one <http://www.iacee.org> but it brings with it a wealth of administrative improvements that we have not enjoyed for many years. Every time we wanted to make a change in recent years we were at the mercy of a handful of programmers. While the Vieth system is not perfect for all our needs, we do now have a small number of Council members who have various administrative privileges to go into the site and make changes on a daily basis, if necessary. There is no longer a waiting period for changes deemed to be high priority.

We are still a long way from the "perfect website" but the key is that we now can control our own destiny as to what is displayed and how it is displayed. As we learn more about the Vieth system, we will get better and the site will also get better. Keep in mind, however, that the site is currently very much a "work-in-progress."

Integrated with the website is our new Membership Management System (MMS), which brings with it the capability to design a

wide variety of membership reports. Formerly, when we wanted a Membership Report it had to be requested in advance and always came in a format that we could not control. The result was a report with some very useful features and also with some not-so-useful features. While the new MMS has many new capabilities and complexities, we are slowly but surely learning the details. When we master this MMS, we shall have some tools that are far more powerful than what we have had in the past. No doubt, some of you have taken note of a few errors resulting from our current state as relative novices with MMS. The number of such errors should soon be declining rapidly.

Council Member Louk Fennis has accepted responsibility for improvement of the new website. Currently we welcome your thoughts on site improvement that we can manage on our own. We are not, however, prepared yet to make changes that might require significant re-programming effort and its consequent expense. Please contact **Louk Fennis** or **Frank Burris** with your ideas for website improvement.

IACEE Strategic Plan

Submitted by: Frank Burris

Under the leadership of President Nelson Baker, Vice President Kim Scalzo, and Council Member Sue Bray, the Council has developed a new Strategic Plan (SP) over the course of the past year. The final elements of that SP were approved at the October 16 & 19 Council meetings in Singapore. The **final version** has been posted on the website.

During 2010 every Council Member plus a handful of other IACEE members worked in four strategic goal teams to develop a plan of action that we will measure ourselves against at every Executive Committee meeting and Council meeting throughout the next five years. We determined to pursue a set of strategic goals in the following four areas, with each area being led in 2010-2012 by the Vice President indicated:

1. Products & Services, led by VP Kim Scalzo;
2. Communication & Member Engagement, led by VP Cheng Jianping;
3. Membership, led by VP Linda Krute;
4. Organizational Sustainability, led by VP Wim Van Petegem.

We invite the broadest possible participation from all IACEE members who may wish to contribute to the further development of these goals. Please contact the appropriate Vice President above if you wish to contribute in his/her area.

News About Quality Assurance of CEE Centers

Submitted by: Alfredo Soeiro

Vice-President Kim Scalzo has concluded the work of a group that will exploit for IACEE the results of projects DAETE and DAETE2. You may find more information about the project in daete.up.pt. It is a project funded by the program Atlantis to promote cooperation between the European Union and the United States of America or Canada. The current members of the group are, besides the Vice-President, Nelson Baker, Aiyi Wang, Patricio Montesinos and Alfredo Soeiro. The actions envisaged for 2011 are:

a) Benefits from IACEE Members' Expertise

There is a lot of expertise among IACEE members

concerning CEE. These members willing to participate will work as external auditors of the quality evaluation of centers using the DAETE tools.

b) Follow-up with Registered Users

All those currently registered as users with IACEE will be contacted to create the follow up of the project.

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c) Ongoing Dissemination

A specific set of DAETE promotional materials from IACEE will be used to allow the contact and dissemination specific with other related associations, various conferences and events of CEE nature.

d) Future Development of the Website

The capability for online entry of the benchmarking tools, automatic reporting of results back to registered users, and query access for registered users will be developed and available from the new IACEE website.

e) Open Source Governance

An open source governance model will be established to determine how future updates to the DAETE tools will be managed.

f) Quality Award

An IACEE quality award process based on the DAETE tools will be established.

These actions will benefit IACEE and its members by bringing recognition in the CEE arena and increasing value for IACEE services.

New IACEE Council Elected for 2010-2012

At the General Membership Meeting in Singapore on 18 October a new Council was elected for the 2010-2012 biennium. The following day the new Council held its formative meeting and elected the new Executive Committee and a First Vice President. In alphabetical order, the new Council is listed below:

Nelson C. Baker	President, USA
Tuula Bergqvist	Sweden
Edward G. Borbely	USA
Susan M. Bray	USA
Frank E. Burris	Secretary General, USA (non-voting seat)
Cheng Jianping	VP, Communication & Member Engagement, China
Andy DiPaolo	USA
Louk A.G.M. Fennis	Netherlands
Sergey S. Gavriushin	Russia
Patricia E. Hall	USA
Mervyn E. Jones	Past President, UK
Linda D. Krute	VP, Membership, USA
Leizer Lerner	Brazil
Colin C.F. Leung	Singapore
Patricio Montesinos	Spain
Philip R. O'Leary	USA
Catherine Polito	USA
Kim A. Scalzo	VP, Products & Services and First Vice President, USA
Katriina Schrey-Niemenmaa	Finland
Alfredo A.V. Soeiro	Portugal
Wim Van Petegem	VP, Organizational Sustainability, Belgium

The entire Council membership and their **complete contact information** is also available on the IACEE website under the Officers/Staff pull-down menu. The new website also includes an organization chart that shows the individual responsibilities of each of our 21 Council Members. Go to the Officers/Staff pull-down menu and click on "IACEE Organization Structure."

Also, if you have an interest in serving on a future Council, please let **Nelson Baker** and **Mervyn Jones** know. It will not be long before our Nominating Committee will be looking for willing nominees!

13th IACEE WCCEE – Valencia, Spain

The next World Conference is planned for Valencia, Spain on 17-19 May 2012. Holding our 2010 conference in October was an aberration to accommodate the coupling with the four other WEEF organizations. In 2012 we shall return to our normal pattern of April/May world conferences. Our host in Valencia will be the Universidad Politecnica de Valencia, with IACEE Council Member **Patricio Montesinos** serving as the General Chair. Patricio would love to hear from you with your conference ideas.

14th IACEE WCCEE – Location TBD

Your IACEE Council is now accepting bids for the 14th World Conference on CEE in April/May 2014. Following the normal geographic rotation, the 2014 conference ought to be hosted in the western hemisphere. However, this is not an absolute, especially if a host were to emerge from Africa, the Mideast, or Australia, all of which have never before hosted a WCCEE. Please contact Frank Burris or Nelson Baker at **info@iacee.org** if you have interest in hosting in 2014.

Organization Highlights

Since 1949, the University of Wisconsin-Madison Department of Engineering Professional Development (EPD) has offered continuing education opportunities to technical professionals. Conducted by expert instructors from industry, research, private practice, government, and education, these opportunities include continuing education courses, on-site training, and advanced degree and certificate programs.

EPD holds over 300 **continuing education courses** and **on-site training** courses throughout the country every year. Topics covered include engineering, design, operations, production, management, maintenance, and planning. These courses allow technical professionals to earn nationally recognized Professional Development Hours (PDH), Learning Units (LU), and Continuing Education Units (CEU). *continued on page 5*

EPD also offers distance-delivered **engineering master's degree** programs in areas such as engineering management, engine systems, technical Japanese, power electronics, controls, and polymer engineering and science. In addition, technical professionals can pursue their **certificate** in maintenance management, operations management, commissioning process, laser welding, technical leadership, disaster management, polymer engineering and science, and technical Japanese.

For more information on any of the available continuing education programs offered by EPD, see their **website** or call 800-462-0876.

If your CEE organization or another that you know of would like to be featured in the quarterly IACEE newsletter, please contact:

Phil O'Leary
University of Wisconsin-Madison
Department of Engineering Professional Development
oleary@epd.engr.wisc.edu

IACEE Executive Committee

President

Nelson Baker
nelson.baker@dlpe.gatech.edu

Past President

Mervyn Jones
m.jones@imperial.ac.uk

First Vice President; Vice President, Products & Services

Kim Scalzo
kscalzo@cpd.suny.edu

Vice President, Communication & Member Engagement

Cheng Jianping
cacee@cacee.org.cn

Vice President, Membership

Linda Krute
linda_krute@ncsu.edu

Vice President, Organizational Sustainability

Wim Van Petegem
wim.vanpetegem@avnet.kuleuven.be

Secretary General

Frank Burris
frank.e.burris@gmail.com

For more information on articles appearing in this newsletter, or to submit suggestions for future articles, please contact:

Phil O'Leary - Department Chair
oleary@epd.engr.wisc.edu
University of Wisconsin-Madison
Department of Engineering Professional Development

Special Interest Group

One of the objectives for the Special Interest Group - Industry/University Collaborations and Technology Transfer is to connect people to share ideas of successful and unsuccessful collaborations-learn what to avoid and what has proven to work; and, possibly provide the opportunity to develop new partnerships.

If you are interested in participating in this SIG, please email **Pat Hall**, the SIG 4 leader.

Upcoming ASEE Events

Conference for Industry and Education Collaboration

February 2-4, 2011
San Antonio, Texas, USA

Engineering Research Council Annual Conference

March 6-8, 2011
Washington D.C.

Engineering Deans Institute

April 10-13, 2011
Palm Springs, California, USA

International Association for Continuing Engineering Education

c/o Georgia Institute of Technology
Distance Learning & Professional Education
Global Learning Center
84 Fifth Street NW
Atlanta, GA 30308-1031, USA

Phone: +1-404-385-3534
Fax: +1-404-385-0544
Web Site: www.iacee.org
E-mail: info@iacee.org

