



International Council of Academies of Engineering and Technological Sciences, Inc.

Council Meeting
0900 - 1550 Wednesday, June 4, 2014
Parkview Wuzhou Hotel, Beijing
Summary Minutes

Approved 15October 2015

- 1. The President welcomed all and invited self-introductions of those present.
2. The draft agenda was approved.
3. The Summary Minutes of the Council Meeting of June 28, 2013 were approved.
4. The Secretary reported that at its meeting on 1 June, 2014, the Board of Directors:
i. Received the Report of the Audit Committee concerning FY 2013;
ii. Approved the proposed FY 2015 Budget.
iii. The Council approved the adjustments to the Rotation Schedule; and
iv. Approved continuing the current Dues structure for FY 2016.

5a. The Council elected the following to the 2015 CAETS Board of Directors:

Table with 3 columns: Position, Name, and Country. Rows include President-elect (Ann Dowling, RAEng, UK), Member (Bruno Revellin-Falcoz, NATF, France), Member (Petr Zuna, EA CR, Czech Republic), Member (Karl A. Almas, NTVA, Norway), and Member (Robert L. Evans, CAE, Canada).

1 Term is 2015 and 2016

5b. As recommended by the Board, the Council approved continuation of the current dues structure for FY2016. [The current dues structure is:\$1,000: ANI, Argentina; BACAS, Belgium; HATZ, Croatia; EA CR, Czech Republic; MMA, Hungary; AcTI.nl, Netherlands; IAS, Slovenia; SAAE, South Africa. \$2,000: ANIU, Uruguay. \$3,000: CAE, Canada; ATV, Denmark; TAF, Finland; NATF, France; acatech, Germany; NAEK, Korea; AI, Mexico; NTVA, Norway; RAI, Spain; IVA, Sweden; SATW, Switzerland. \$6,000: ATSE, Australia; CAE, China; INAE, India; EAJ, Japan; RAEng, United Kingdom; NAE, United States.

[For the record, from the Council meeting of July 14, 2005, "...and noting that certain reservations had been expressed after the dues structure had been agreed. The reservations included: those academies paying the lowest level of dues should do so on a well justified basis and endeavor to strengthen their financial base and increase their dues payment to the middle level in the near term; decisions by the Board on these matters should be transparent and without the potential for conflict-of-interest.]

5c. Future CAETS Meetings

2015 The President-elect briefly reviewed the preparations to the CAETS Convocation and meeting to be held in New Delhi during October 12 – 15, the structure and theme of the technical sessions, “Pathways to Sustainability: Energy, Mobility and Health Care Technologies.”

2016 The RAEng proposes to host a 2-day technical session on the theme “Engineering for a Better World.” The Board of Directors supports the proposal to be two-day Convocation. The Council approved the two-day technical session and its proposed theme.

2017 The Secretary reported that in recent e-mail exchanges with the RAI (Spain), its President and Board of Directors confirmed that RAI continues the commitment to host the CAETS 2017 meetings, and consider it a great honor for RAI to host the CAETS meetings that year.

6. The report on activities of the Committee on International Organizations (CIO), prepared by Mike Manton dealing largely with ICSU, was noted with appreciation. Achiel Van Cauwenberghe discussed his report on the 15-16 May 2014 IAP/IAC meeting and introduced our guest Volker ter Meulen, Co-Chair, of the InterAcademy Panel (IAP). Prof. ter Meulen outlined the IAP’s proposed restructuring of its activities into a coordinating InterAcademy Partnership (new IAP) and invited CAETS to consider if and how it may wish to continue its participation in the IAP. The Council agreed to meet jointly with IAP leaders and CAETS academy leaders to discuss the matter, at an early date.

7. Dr. Raghavan, INAE, reported on the current work of the CAETS Committee on Energy.

8. Vaughan Beck, ATSE, led the discussion on “Fracking.” NAE presented a short series of slides to complement its brief on this subject. ATSE followed with comments along the line of its brief; and CAE (China) commented along the lines of its brief.

9. NAEK led the presentation on the EA-RTM (CAE (China), EAJ, NAEK) survey among their respective members on technology cooperation among its three countries, followed by brief comments from EAJ and CAE (China).

10. Jacques Lukasik, NATF, Secretary General of Euro-CASE, reviewed that organization’s recent activities, which included some of the highlights of its 2013 Annual Report.

11. The development of the Convocation Statement, “Engineering and the Future of Humanity” was reviewed. Draft 4 was distributed at the beginning of the Council meeting and included consideration of any specific suggested change received by 5:00 PM June 3, 2014. The Council agreed with the substance of draft 4 and gave to the CAETS President the responsibility to oversee any appropriate minor editing followed by publication in the near future.

12. The discussion on “Advanced Manufacturing” was led by Lance Davis, NAE. Representatives of the academies submitting the briefs commented along the lines of their briefs: SATW; NAE, (note NAE slides); ATSE; INAE; CAE (Canada); CAE (China); and NAEK.

13. The Board of Directors on June 1, 2014, proposed that the Council consider two topics for discussion at the October 15, 2015 Council meeting in New Delhi: "Light;" and "Academy Operations." The President-elect briefly described the scope of the proposed topic of Light and agreed to prepare in the near future a brief on the scope to assist in the preparations of the subject. Lucas Noldus noted that Phillips/Netherlands has teamed with UNESCO on this topic and he will encourage its high-value contribution to the Council's efforts on this topic.

To assist in the preparations of the discussion topic of "Academy Operations," the Secretary will solicit from member academies, in the near future, a list of three of their academy's operations that work well and three that do not work well.

14. As the Board proposed, the Council agreed to prepare for and hold a special membership discussion on proposals for improving the benefit of CAETS to its member academies. This session would be scheduled for the afternoon of October 12, 2015 in New Delhi. All member academies are invited and encouraged to be appropriately represented during this afternoon discussion. The present intention is for a summary of the that discussion to be prepared and used for a second discussion session during the 2016 CAETS meetings. To initiate preparations for this meeting the Secretary will ask member academies for 3 suggestions on how CAETS could be improved to help their academy, also what 3 CAETS activities should be dropped.

The Council agreed that an update of the 2010 survey of member academies be made. Amendments and additions to the survey categories would be welcomed by the Secretary by August 15.

15. The RAEng discussed the current second round of nominations for the Queen Elizabeth II Prize for Engineering and encouraged all to consider making appropriate nominations.

16. The President presented CAETS Certificates of Appreciation to Dongwha Kum, NAEK, Korea, Frank Behrendt, acatech, Germany, Bob Pullen, SAAE, South Africa, for their two-year service on the CAETS Board of Directors; and to Janos Ginsztler for his service as CAETS President-elect for 2012, President for 2013, and Past President for 2014.

17. The Secretary welcomed amendments and additions to the "Issues of Concern" and "[Activities of Interest](#)."

18. The President adjourned the meeting at 15:50.