



Board Meeting Minutes

Monday, November 13, 2017 – 14:30—17:00

Real Academia de Ingeniería
Calle Don Pedro, 10, 28005 Madrid, España

Participation

Board Members:

Dr. Elías Fereres (President), RAI	Martin Philip Bendsoe, ATV
Dame Ann Dowling (Past-President), RAEng	Jaime Parada, AI
Acad. Eng. Lucio Cáceres (President-Elect), ANIU	Vladimir Androcec, HATZ
Dr. Ruth David (Secretary/Treasurer), NAE	Frank Behrendt, acatech
Paul Verstraeten, BACAS	Trueman Goba, SAAE
Hideaki Koizumi, EAJ	Ulrich Suter, SATW

Guests:

Hugh Bradlow, ATSE	Matt Wenham, ATSE
Andrianna Gamboggi, ANIU	Samantha Frost, RAEng
Andrew Clark, RAEng	Shane McHugh, RAEng

1. Welcome and approval of agenda

The president welcomed attendees to the Real Academia de Ingeniería facilities and offered brief comments in remembrance of Bill Salmon. The agenda was approved as presented.

2. Approval of Board Minutes of 12 September 2016

The minutes were approved as presented.

3. Report of the Secretary/Treasurer

- a. Audit Committee: 2017 Financial Audit**
- b. 2017 Financial Status**
- c. 2018 Operating Budget**
- d. CAETS Website**
- e. Rotation Schedule**

The Secretary/Treasurer reported that the CAETS 2016 Financial Audit was complete and that no issues had been identified by the Audit Committee; a copy of the audit report was provided for information. She provided an update regarding to the establishment of a new account with Bank of America; the long-standing USAA account will be closed out over the next year as they no longer support either check-writing or direct acceptance of foreign wire transfers. A year-to-date financial summary was provided; current and projected 2017 operating expenses are below the approved budget. A proposed 2018 Operating Budget was proposed and approved with the exception of a proposed expenditure for upgrading of

the CAETS website. Board Members felt that the cost proposal provided by the current vendor was insufficiently detailed and that the costs were excessive. The proposed upgrade will not proceed absent agreement by Board Member Frank Behrendt that the proposed costs are aligned with the agreed upon services. Additionally, alternate hosting services will be considered, as the current website is maintained under an agreement with the US NAE. The updated CAETS Rotation Schedule was provided for information.

4. Continuation of CAETS Theme: *Engineering a Better World*

Board Members observed that the “Engineering a Better World” theme is well-aligned with the UN Sustainable Development Goals and agreed to recommend ongoing use to the Council.

5. Inter-Academy Partnership

After discussion of the recently restructured InterAcademy Partnership (IAP), Board Members agreed that CAETS should focus initially on identification of opportunities to engage via the IAP for Research (IAP-R) component. The Secretary/Treasurer agreed to establish communications with the IAP-R Secretariat.

Coffee Break

6. CAETS/WFEO Cooperation

WFEO had indicated interest in collaborating with CAETS on a project relating to expansion of diversity in the engineering profession. RAEng, which agreed to lead the discussion of diversity during the CAETS annual meeting, reported that absent a clearly defined project it was difficult to scope a potential collaborative effort with WFEO. Instead, RAEng will work first with other CAETS Members to share best practices and determine whether there is interest in establishing a CAETS project in this area.

7. CAETS Discussion Topics for 2018

Two broad topic areas were identified for consideration; the Secretary/Treasurer agreed to draft brief descriptions of each and circulate to assess CAETS member interest in advance of the 2018 annual meeting. The topics are summarized below.

- *How do engineering academies interact with the public? Are there best practices that can be distilled from CAETS Member academies? What might CAETS do to communicate the value of engineering to society, policy-makers, and other stakeholders?*
- *Engineering education—is it changing? Is quality improving? Are new technologies being used? Are curricula changing? How are topics like project-based education, multi-disciplinary education, and innovation being integrated?*

8. CAETS Committees

The Board discussion included several topics, including content and audience for CAETS papers/reports, as well as how the CAETS website might more effectively support the work

of committees. There was general agreement that sharing of information and best practices among CAETS members is of primary importance but expanding those efforts to inform the public and other key stakeholders on broadly relevant topics is a worthy objective. It was noted that an upgraded CAETS website should include the capability to support work-in-progress by CAETS committees, enabling them to upload and share intermediate work products in private (not viewable by the public) spaces. There also was some discussion of establishing a moderated forum which would enable direct public engagement around CAETS papers/publications. Two topics were identified that might form the basis for new CAETS committees: Engineering Education and Engineering for Sustainable Development Goals. The Secretary/Treasurer agreed to consider this discussion in scoping an upgraded CAETS website.

9. New Business

No new business was brought forward; the Board Meeting was adjourned.