

Minutes
Eastern States Section of the Combustion Institute
Executive Committee Meeting
Date: Monday, 27 July 2018
Time: 12:30 – 2:00 PM
Location: Dublin Convention Centre, Wicklow Room 1
37th International Combustion Symposium
Dublin, Ireland

Agenda – Final

1. Opening remarks and welcome (Yiguang Ju)
2. Report & Presentation of 2020 ESSCI technical meeting organization (Yiguang Ju)
3. Approval of minutes of Executive Board meeting at 2018 ESSCI Spring Technical Meeting at Penn-State in March 2018 (Paul Papas)
4. Nomination/election of officers and committee chairs (Yiguang Ju and Perrine Pepiot)
5. Treasurer, Secretary, Chairs and members for Program, Award, Outreach, Career development, and Website development committees.
6. Outreach activity update (Peter Sunderland)
7. Treasurer report (Michael Mueller)
8. Career Development Diversity and inclusion report (Perrine Pepiot and Jacqueline O'Connor)
9. Website mitigation from UConn (Perrine Pepiot, Wenting Sun)
10. Awards (Paul Papas)
ESSCI Markstein & Fenimore Awards and CI Fellow nomination
11. Next US National Combustion Meeting (Yiguang Ju)
March 24-27 2019 in Pasadena CA 2019 (organized by Guillaume Blanquart)
12. USSCI update (Yiguang Ju)
13. Initiatives and committees (Yiguang Ju)
14. 2022 International Symposium on Combustion (Wenting Sun)
15. Princeton Summer School (Yiguang Ju)
16. Any business announcements from CI (Bard & David?)
17. Adjournment

Attendees: Ju, Y. (Chair); Mueller, M. (Treasurer); Papas, P. (Secretary & Awards Chair); Pepiot, P. (Chair Elect); Tuttle, S.; O'Connor, J.; Burke, M.; Sunderland, P.; West, R.; Trouvé, A. (Past Chair)

Absent: Norris, A.; Sun, W.; Sung, J.

CI Support: Waronek, B. (absent)

Guests: Harsha Chelliah (UVa), Lin Ma (UVa), Sang Hee Won (USC), Tanvir Farouk (USC), Brandon Rotavera (UGA), Joseph Meadows (Va Tech)- via Skype, Subith Vasu (UCF)

Attachments:

Meeting called to order at 12:47 PM, 27 July 2018 by Yiguang Ju presiding as Chair of the ESSCI Executive Committee.

Report & Presentation of 2020 ESSCI technical meeting organization (Yiguang Ju)

Yiguang discussed the agenda item outline for the meeting. First, the majority of the meeting was devoted to hearing the 5 bids for the upcoming 2020 ESSCI Technical meeting location. Following the bid presentations, the Executive Board will need to vote for open

positions- Secretary, Chairs and members for Program, Award, Outreach, Career development, and the Website Committees.

Short presentations for the 5 bids received were given by guest attendees in the following order:

Presentation #1 for the UCF bid was presented by Subith Vasu;

Presentation #2 for the USC bid was presented by Sang Hee Won;

Presentation #3 for the UVa bid was presented by Harsha K Chelliah;

Presentation #4 for the UGa bid was presented by Brandon Rotavera;

Presentation #5 for the Va Tech was presented by Joseph Meadows via Skype.

After each presentation, there was a Q&A session with the board members. Following the presentations, the guest attendees left the meeting and regular board business recommenced. Steve Tuttle offered his assessment (pros & cons) for each of the five bids. Considering the strength of the venue, budget plan, and the strength of the bidding team, the board agreed to focus on three strong proposals from UCF, USC, and UGa. The plan will be for board members to vote via e-mail after the symposium and select the top proposal.

Approval of minutes of Executive Board meeting at ESSCI Spring Technical Meeting at Penn State in March 2018 (Paul Papas)

The Penn State meeting minutes were approved unanimously as submitted.

Nomination/election of officers and committee chairs (Yiguang Ju and Perrine Pepiot)

The open positions on the board were discussed. Michael Mueller will remain as Treasurer. Paul Papas will step down as Secretary and Awards Chair, and Wenting Sun was elected as the new Awards Chair and Jackie O'Connor was elected as the new Secretary. Paul Papas was elected as the new Program Chair, and Perrine Pepiot continues as Chair Elect. Peter Sunderland will continue to chair the Outreach Committee. Steve Tuttle will chair a new meeting site selection committee to propose criteria for selecting bids for the next upcoming ESSCI meetings. Richard West will chair the Website and Information Committee, and Mike Burke the Education-Summer School Committee.

Outreach activity update (Peter Sunderland)

Peter reported out on the status of government relations. Currently, there is no plan to revisit Congress in the near future but it was suggested that approaching government offices at the State level such as California should be considered.

Treasurer's Report (Michael Mueller)

The total assets have now increased to \$105k. Over the last cycle, there has been a 20% increase in total gain. The total profit from the Penn State meeting was about \$20k. From the treasurer's report:

- Total assets: \$105,109.7
- Income:
 - College Park Meeting: \$11,955.59
 - Penn State meeting: \$20,699.23
- Expenses:
 - College Park Student Support: \$10,050.00
 - Dublin Symposium Student Support: \$14,000.00 (28 students)
 - Fees: \$1,913.00
- Net income: \$6,691.82

For student support at the Dublin Symposium, 20 students will be supported and receive \$500 each. The increase in revenues will be beneficial for supporting travel to the next symposium in Australia where airfares will be relatively high.

Career Development Diversity and inclusion report (Perrine Pepiot and Jacqueline O'Connor)

Perrine is working at the US sections level to coordinate and a workshop will take place at the upcoming US National Meeting at Caltech in March 2019. Demographics cannot be looked at from the website, making it difficult to gather information concerning the diversity of the membership population.

Website mitigation from U-Conn (<http://essci.engr.uconn.edu>) (Perrine Pepiot)

Perrine is working on the possible new long-term solution to moving the ESSCI site at www.ussci.org. The ESSCI website needs to be moved to a non-university server to allow maintenance by members not affiliated with UConn. Richard West will help to find out the solution.

Awards (Paul Papas)

The 2018 Fenimore Best Student Presentation and Markstein Best Paper Awards from the Penn State meeting was decided by the Awards Committee (Paul Papas, Perrine Pepiot, Jackie O'Connor and Yuan Xuan) and announced to the Board on July 11. To improve the selection process, the meeting session chairs were required to nominate both best presentation and best paper awards from their sessions. Student helpers also helped distribute nomination forms to encourage participation from the meeting attendees. The new process greatly facilitated the selection and about 30 nominations were received for best paper and over 50 nominations for best student presentation. The winners for the 2018 Penn State meeting are:

Markstein Best Paper Award-- "Measurement of Methane Autoignition Delays in a Shock Tube under Supercritical Carbon Dioxide Conditions" by Miad Karimi et al. (Ga Tech)

Fenimore Best Student Presentation-- "Fuel Distillation Affects Spray Flame Blowout Thresholds" by Jay A. Lefkowitz (Rowan)

The winners have been notified and plans are to present the awards at the next US National meeting (Caltech) from March 24-27. The CI fellow nominations are due in September.

Next US National Combustion Meeting (Yiguang Ju)

The next national meeting will be held at Caltech in Pasadena from March 24-27, 2019 and will be organized by Guillaume Blanquart, Chair of the Local Host Committee.

USSCI update (Yiguang Ju)

The three ESSCI members in the Executive Committee of USSCI are: Arnaud Trouvé (Chair), Yiguang Ju (Chair Elect) and Peter Sunderland (At-large Member in charge of outreach activities). Proposed change: Yiguang Ju (new Chair); Perrine Pepiot (new Chair Elect) and Peter Sunderland (At-large Member in charge of outreach activities). There was limited time to discuss but the topics of possibly increasing the number of committee members and Bylaw changes of USSCI were mentioned.

Initiatives and committees (Yiguang Ju)

Concerning the election of CI Board of Directors, the terms of 5 current directors from the US are expiring, and 3 from ESSCI are leaving. Yiguang sent an email on May 17 to ESSCI members to encourage participation in the election and support USSCI candidates. He also sent an email to the chairs of WSSCI and CSSCI to encourage their members to vote in the election.

2022 International Symposium on Combustion (Yiguang Ju)

The bids for the 2022 International Symposium will include Atlanta (Ga Tech), Vancouver, and San Antonio. ESSCI has officially endorsed the Atlanta bid to host the 2022 International Symposium made by Georgia Tech and Oak Ridge National Laboratory (Wenting Sun as Chair of the Local Host Committee; bid was endorsed by both ESSCI and CSSCI). CSSCI has endorsed the second bid out of CSSCI, namely the “Austin bid” being co-hosted jointly by Texas A&M and University of Texas.

Princeton Summer School (Yiguang Ju)

The Princeton Summer School was discussed around increasing diversity, influencing the recommendation of lecturers, understanding section involvement, and increasing transparency. ESSCI and WSSCI feedback was briefly reviewed. Questions centered around understanding the role of the US sections and how to coordinate engagement, to promote outstanding early career and diversity researchers for summer school lecturers.

There were no announcements from CI from either Barb or David. The next ESSCI Executive Committee meeting will take place at the US National Meeting at Caltech from March 24-27, 2019.

Adjourn: The meeting was adjourned at 2:15 PM.