

Minutes
Eastern States Section of the Combustion Institute
Executive Committee Meeting
Date: Sunday, 4 March 2018
Time: 3:30 – 5:30 PM
Location: Days Inn State College Hotel
Penn State University
State College, PA

Agenda – Final

1. Opening remarks and welcome (Arnaud Trouvé)
2. Report on nomination/election process for the selection of new members of the ESSCI Executive Board (Perrine Pepiot, Michael Mueller)
3. Approval of minutes of Executive Board meeting at 10th US National Combustion Meeting at University of Maryland in April 2017 (Paul Papas)
4. Report of Program and Local Arrangements of 2018 Spring Technical Meeting at Penn State: local arrangements (Jacqueline O'Connor and Yuan Xuan); program (Perrine Pepiot); student travel support (Michael Mueller)
5. Awards (Paul Papas)
6. Treasurer report (Michael Mueller)
7. Next US National Combustion Meeting (Arnaud Trouvé)
8. Search of possible hosts for 2020 ESSCI Spring Technical Meeting (Arnaud Trouvé)
9. ESSCI website (<http://essci.engr.uconn.edu>) (Perrine Pepiot, Wenting Sun)
10. Update on combustion outreach activities (Peter Sunderland)
11. Update on Code of ethics/conduct, Diversity and inclusion (Perrine Pepiot)
12. USSCI (Yiguang Ju, Arnaud Trouvé)
13. Initiatives at the level of the USSCI (Yiguang Ju)
14. 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). (Arnaud Trouvé)
15. 2022 International Symposium on Combustion (Arnaud Trouvé)
16. Adjournment

Attendees: Trouvé, A. (Chair); Ju, Y. (Chair Elect); Mueller, M. (Treasurer); Papas, P. (Secretary & Awards Chair); Sun, W.¹; Tuttle, S.¹; O'Connor, J.; Burke, M.; West, R.

Absent: Norris, A., Pepiot, P.; Sunderland, P.; Sung, J.

CI Support: Waronek, B.

Guests: Yuan Xuan (Penn State)

Attachments:

Meeting called to order at 3:33 PM, 4 March 2018 by Arnaud Trouvé presiding as Chair of the ESSCI Executive Committee.

¹ Arrived late

Report on nomination/election process for the selection of new members of the ESSCI Executive Board (Perrine Pepiot, Michael Mueller)

Michael reported on the new member selected process; there were 11 nominations to fill 4 vacant positions from the rotation out of 4 members. New voted members are Michael Burke, Jackie O'Connor, Steven Tuttle and Richard West.

There was a discussion of the overall process, and Michael highlighted problems with Survey Monkey used as well as the mix up with the member registration list of the Eastern States Section (the list was cross checked against the CI list). Although there were 4 open slots, members sometimes cast fewer than 4 votes, complicating the vote tallying. In the end, about 120 out of the 300 total Eastern States members participated in the vote.

Update on combustion outreach activities (Peter Sunderland)

Peter and Arnaud reported on past outreach activities to Congress. In March 25-26, 2014 there were 10 ESSCI member volunteers that met with 15 Congressional offices. USCI joined AIP back in 2016 and they provided training for the latest visit on April 27, 2017. In 2017, twenty-two volunteers (12 from ESSCI) visited the Capitol Hill offices of 40 Senators and Representatives. The \$5,175 cost for 2 hour training, scheduling, etc. was paid by USCI. A 2-page document of material was prepared, but the focus was more on maintaining science and research funding. The next visit to Congress is not planned.

Barb pointed out that the next CI Board elections are from June 15 to July 15, and encouraged all US members to vote. There are 9 seats open and the US will be losing several current Board members including Colket, Smooke, Chen and Pope. Yiguang will send out a reminder to Eastern States members to vote when the CI calls for the vote.

Approval of minutes of Executive Board meeting at 10th US National Combustion Meeting at University of Maryland in April 2017 (Paul Papas)

The University of Maryland meeting minutes were approved unanimously as submitted.

Report of Program and Local Arrangements of 2018 Spring Technical Meeting at Penn State: local arrangements (Jacqueline O'Connor and Yuan Xuan); program (Perrine Pepiot); student travel support (Michael Mueller)

Jackie and Yuan reviewed the meeting and workshop activities. The 2018 meeting has 165 registered participants of which about 99 are students. The meeting will have 3 parallel sessions and about 132 total talks. The talks will be limited to 15 minutes with Q&A. There will be 6 events including a Cantera workshop held on Sunday at 1pm, Graduate Student Writing Workshop, Young Faculty Mixer, Diversity Workshop, banquet, and lab tours. The banquet will be held at the Nittany Lion Inn which is about a 10 minute walk from the meeting venue. Laboratory tours were scheduled after the meeting on Wednesday afternoon.

The plenary speakers and early career session chairs were selected to be diverse and inclusive. An upcoming brainstorm will aim to develop a mentoring network for young members through CI to enhance early career development. The cost, based on 165 participants, was \$25k. The revenue collected was \$43k (\$36k from registration and \$7k from sponsors).

Awards (Paul Papas)

The recipient of the fourth Irvin Glassman Young Investigator Lecture Award was Wenting Sun from the Georgia Institute of Technology. The Awards Committee, chaired by Paul, also included Jackie O'Connor and Perrine Pepiot. There was a general discussion about how to increase nominations by sending more frequent email reminders, encouraging self-nominations, automatic reconsideration of nominees for many cycles, and direct solicitations from Board members not on the Awards Committee. Through a previous e-

mail vote, the board members agreed to minor edits to the eligibility description for the Glassman Award to provide clarity. The new language reads “At the time of the nomination due date, nominees must be a young investigator within seven years of their Ph.D. and, for tenure-track faculty appointments, the nominee must be untenured.”

The 2018 Fenimore Best Student Presentation and Markstein Best Paper Awards for the Penn State meeting will be decided based on new nomination forms prepared by Yuan Xuan. To improve the selection process, the current session chairs will be required to nominate both best presentation and best paper awards from their sessions. Student helpers will also help distribute nomination forms to general participants.

Treasurer’s Report (Michael Mueller)

The total assets have now increased to \$80.9k. Over the last cycle, the net “operations” income was \$(6,631) and detailed in the summary below.

For student support at the UMD National Meeting, the Fenimore Award recipient, Lara Backer (Cornell), received \$1,500 for travel support, and 57 students received support at \$150 (\$8,550 total support). For the Penn State ESSCI Meeting, 45 students will be tentatively supported. Two students were dropped due to their advisor not attending. A \$15k NSF grant will be distributed to Penn State for student support and divided evenly (~\$325 per student).

There were some students who tried to seek support late citing lack of communication, however, we should develop a consistent policy.

A summary statement was provided by Treasurer (Michael) and is included below:

Summary

Assets (3/4/18)

Bank of America Checking: \$14,602.28

Bank of America Savings: \$9,012.73

Janus Money Market: \$23,374.30

Janus Mutual Fund (Triton): \$14,992.26

Janus Mutual Fund (Global Technology): \$18,941.84

Total: \$80,923.41

Major Revenues since Princeton Meeting

Princeton Meeting Profit: \$4,576.51

College Park Meeting Profit: \$11,955.59

Major Expenses since Princeton Meeting

Seoul Meeting Student Travel Support: \$(11,200.00)

College Park Meeting Student Support: \$(10,050.00)

Various Fees: \$(1,913.00)

Net “Operating” Income: \$(6,630.90)

USSCI & Initiatives at the level of the USSCI (Yiguang Ju, Arnaud Trouvé)

Yiguang discussed involvement at the USSCI, including a new Awards Committee (chaired by Anthony Marchese with Paul Papas and Wenting Sun as members), Early Career & Diversity Development Committee (with Michael Mueller, Jackie O’Connor and Perrine Pepiot as members), and the Outreach Committee (with Peter Sunderland as member). The current 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). Moving forward, the following changes are proposed: Yiguang Ju (new Chair); Perrine Pepiot (new Chair Elect) and Peter Sunderland (At-large Member in charge of outreach activities).

Search of possible hosts for 2020 ESSCI Spring Technical Meeting (Arnaud Trouvé)

There was a brief discussion of the need to identify the host for the next ESSCI in 2 years. Various possible candidates would be approached during the meeting.

Next US National Combustion Meeting (Arnaud Trouvé)

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

ESSCI website (<http://essci.engr.uconn.edu>) (Perrine Pepiot, Wenting Sun, Jackie Sung, Arnaud Trouvé)

The ESSCI website will need to be moved to a non-university server to allow maintenance by members not affiliated with a specific university. Currently, Jackie Sung at UConn is managing the site until it can be transitioned to the US Section website of the Combustion Institute. Yiguang will ask the USSCI board for approval to allow the transition to the USSCI website (<http://www.ussci.org>).

Update on Code of ethics/conduct, Diversity and inclusion (Perrine Pepiot)

The Code of Conduct will be mentioned in the opening remarks on Monday morning. The Workshops and social activities have been designed around diversity, training, and early career. Session chairs were selected as much as possible from assistant professors, post-doctoral students, and motivated senior PhD students. Unfortunately, demographics data collection has not been possible this time around but discussions with CI will continue to find a proper mechanism to do so.

2022 International Symposium on Combustion (Arnaud Trouvé)

The bids for the 2022 International Symposium will include Atlanta (Ga Tech), Vancouver, and San Antonio. ESSCI supported the Atlanta bid with a letter.

The next ESSCI Executive Committee meeting will take place at the International Symposium in Dublin this summer. Yiguang Ju will become the next ESSCI Chair and Arnaud Trouvé will become Past Chair.

Adjourn: The meeting was adjourned at 5:50 PM.