

SEPARATIONS DIVISION
American Institute of Chemical Engineers
2023

| | | | | | |
|--|---|--|--|--|--|
| Seth Huggins Chair Amgen (805) 447-3710 shuggins@amgen.com | Isaac K. Gamwo First Vice Chair U.S. DOE-NETL (412) 386-6537 gamwo@netl.doe.gov | Marina Tsianou Second Vice Chair University at Buffalo (716) 645-1191 mtsianou@buffalo.edu | Atanas Serbezov Secretary Rose-Hulman Inst. Technol. (812) 877-8097 serbezov@rose-hulman.edu | Tarun Poddar Treasurer tpoddar@att.net | Alice He Past Chair Chevron Tech. Center (510) 242-5628 azhe@chevron.com |
|--|---|--|--|--|--|

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CTOC LIAISON

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MINUTES

Separations Division Online Planning Meeting

Wednesday, March 22, 2023, noon – 1:00pm (EDT)

Attendance (via phone or Webex):

| | | |
|-----------------|-------------------|---------------------|
| Seth Huggins | Isaac Gamwo | Atanas Serbezov |
| Caryn Heldt | Dan Summers | Haiqing Lin |
| Daniel Siderius | Paul Collins | Heather Chenette |
| Josh Thompson | Alice He | CJ Kurth |
| Izak Nieuwoudt | Stefano Brandani | Steve Ritchie |
| Tony Cai | Gerard Capellades | Christopher Burcham |
| Seyi Oduyungbo | | |

Approval of Minutes from November 13, 2022 (Atanas Serbezov)

A motion to approve the minutes as distributed with the meeting invite passed by acclamation.

Leadership Roster (Seth Huggins)

See slides in the Appendix for details.

Seth Huggins introduced the new officers and welcomed the returning officers.

Action Items Follow-up

- Division funds allocation for 2023 is 25% CD and 75% AIChE portfolio, unchanged from 2022.
- To increase the diversity of the awards nomination pool, an ad hoc committee was formed to reach out to other professional organizations. The committee members are Seth Huggins, Isaac Gamwo, and Tony Cai.
- Caryn Heldt is still working on a proposal for specific DEI-related activities to be accomplished by the Division in 2023. She expects to complete the proposal and present it to the Division by the end of April.
- Caryn Heldt is still working on establishing a Diversity Committee. Steve Ritchie volunteered to serve on the committee. Caryn will be reaching out for a few more volunteers.
- The Division bylaws are due for update. Paul Collins will check with CTOC and provide guidance on the process and the timeline.
- “About” information for the Division web site is still needed from areas 2b, 2c, 2d, 2e, 2f, and 2h.

<https://www.aiche.org/community/sites/divisions/separations/separations-division-areas>

Action Item: The chairs of the above areas are asked to provide the information to Steve Thiel as soon as possible.

Division Newsletter

The newsletter is very important for publicizing the Division awards. However, the 2022 newsletter is still not posted on the Division website.

Action Item: Seth Huggins will contact Marina Tsianou to inquire about the status of the 2022 newsletter.

2023 Annual Meeting Session Planning (Seth Huggins)

See slides in the Appendix for details.

Seth reviewed the current session allocation with the area chairs and vice-chairs on the call.

Another planning meeting will be scheduled towards the end of April.

Graduate Student Research Awards

The nominations for GSRAs have been decreasing in recent years to the point where there are more awards than nominations.

Action Item: Haiqing Lin and CJ Kurth will review the GSRA nomination process and propose changes to make it easier.

Action Item: Haiqing Lin will develop a proposal for organizing a GSRA awardee session during the 2024 annual meeting.

Separations Division Webinar Collaboration with FRI (Tony Cai)

FRI hosts webinars on regular basis and is willing to open them to SepDiv members. The specific arrangement needs to be worked out with AIChE. Daniel Siderius mentioned that the International Adsorption Society (IAS) also hosts the webinars and uses the AIChE email list to advertise them.

Action Item: Tony Cai will connect with Daniel and AIChE to further explore the mechanism through which SepDiv members could access FRI hosted webinars.

New GSRA Proposal (Dan Summers)

FRI has offered to sponsor a special GSRA in the name of Jose Bravo. The award will be similar to the Bhattacharyya GSRA. It will be given for work in the Absorption and Distillation area.

Action Item: Take a vote at the next planning meeting.

APPENDIX

2023 Separations Division Planning Meeting

March 22, 2023

2023 Division Leadership - Officers

| | |
|---|------------------------|
| Chair | Seth Huggins |
| 1st Vice Chair (2024 Chair) | Isaac Gamwo |
| 2nd Vice Chair (2025 Chair) | Marina Tsianou |
| Secretary | Atanas Serbezov |
| Treasurer | Tarun Poddar |
| Past Chair | Alice He |

2023 Division Leadership - Area Chairs

| Area | Chair | Vice Chair |
|-----------------------------------|-----------------------|--------------------|
| 2A Distillation & Absorption | Greg Cantley | Izak Nieuwoudt |
| 2B Crystallization & Evaporation | Christopher Burcham | Gerard Capellades |
| 2C Extraction | David Cantu | George S. Goff |
| 2D Membrane-Based Separations | William Phillip | Christine E. Duval |
| 2E Adsorption & Ion Exchange | Handan Tezel | Daniel Siderius |
| 2F Fluid-Particle Separations | Jenifer Gomez Pastora | Seyi Oduyungbo |
| 2G Bioseparations | Heather Chenette | Cristiana Boi |
| 2H General Topics & Other Methods | Josh Thompson | Stephen Ritchie |

2023 Division Leadership

| Directors | | | |
|---|-----------------|--|------------------|
| Director / Awards Team Lead | Haiqing Lin | Director / Topical Conference Liaison | Angela Lueking |
| Director / Awards Team | CJ Kurth | Director / Diversity and Inclusion | Caryn Heldt |
| Director / Gerhold Award | Dan Summers | Webmaster | Stephen Thiel |
| Director / Liaison with Other Organizations | Tony Cai | Director / Membership Growth Initiatives | Evan Hatakeyama |
| Director | Stephen Ritchie | Director | Stefano Brandani |
| | | | |
| Newsletter Editor | Marina Tsianou | CTOC Liaison | Paul Collins |

2023 Session Planning

| | Code | Fall 2022 | Fall 2023 Initial | Current Status |
|--------------------------------|--------------|--------------|----------------------|-------------------|
| Sep div | 20 | 2 | 2 | 2 |
| Distillation and Absorption | 2A | 1 | 1 | 1 |
| Crystallization & Evaporations | 2B | 9 | 8 | 11 |
| Extraction | 2C | 2 | 2 | 2 |
| Membrane-based Separations | 2D | 22 | 12 | 8 |
| Adsorption & Ion Exchange | 2E | 19 | 18 | 18 |
| Fluid-Particle Separations | 2F | 2 | 2 | 2 |
| Bio separations | 2G | 8 | 8 | 8 |
| General Topics & Other Methods | 2H | 1 | 1 | 1 |
| | <i>Total</i> | 66 | 54 | 53 |
| | <i>Limit</i> | 58 | 58 | 58 |

Check in with Area leads for forecasting and next steps


Notes:

2B - Above historic targets (9-10)

2D - Below historic targets (17-22)

2E - Anticipates a need for 2 additional sessions

2023 Annual Meeting Timeline

| | | |
|-------------------------------|--|---|
| Monday, April 3, 2023 | Call for Abstracts Closes | |
| Friday, May 12, 2023 | Abstract Review Completed Send in Scheduling Requests |  Microsoft Excel Worksheet |
| Friday, June 9, 2023 | Draft Program Available for Review | |
| Monday, June 16, 2023 | Draft Program Changes due back from Chairs | |
| Tuesday, June 30, 2023 | All Invited Session Information Finalized and in Confex | |
| Monday, July 31, 2023 | Division/Forum Award Winner Information Due | |

Next steps to complete between April 3 and May 12:

- **Reviewing Abstracts:** Reference the **abstract evaluation rubric**, which [can be found here](#)
- **Session Planning:**
 - Consolidate sessions where applicable
 - Identify if new sessions are needed and contact Seth Huggins/Issac Gamwo
 - Try to manage within division if reallocation is possible
 - Submit request to AIChE if not; Will require the following info:
 - Session title
 - Why does this topic need an additional session
 - What is the estimated attendance of this session
 - How long has the session been run
 - Does the session have an industrial focus
 - Is this session applicable to multiple divisions, forums, areas, or topical conferences
 - What would the overall group acceptance rate be with and without the added sessions

Propose meeting at end of April/beginning of May to review and align on session plans

2023 Award Responsibilities

| Award | Responsibility | Committee Chair |
|------------------------------|---|------------------------|
| Founders | Division Chair | Seth Huggins |
| Kunesh | Past Division Chair | Alice He |
| Neil Yeoman Innovation | Division Chair | Seth Huggins |
| Awards Dinner | 2nd Vice Chair | Marina Tsianou |
| Education and Outreach Award | 1st Vice Chair | Isaac Gamwo |
| GSRA | Awards Director through the Area Chairs | Haiqing Lin / CJ Kurth |
| Gerhold | | Dan Summers |

Nominations are due by **May 1st** Please announce and advertise call for nominations
See <https://www.aiche.org/community/sites/divisions/separations/awards> for details

Next meeting: update on nomination count and timing of May/June activities