

SEPARATIONS DIVISION
American Institute of Chemical Engineers
2020

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AREA CHAIRS

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CTOC LIAISON

Ranil Wickramasinghe
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MINUTES

Separations Division Online Planning Meeting

Friday, November 20, 2020 – 2:30pm – 3:30pm (EST)

Attendance (via phone or Webex):

Ranil Wickramasinghe	Anand Vennavelli	Alice He
Atanas Serbezov	Tarun Poddar	Marcus Mello
Dan Summers	Haiqing Lin	Marina Tsianou
Isaac Gamwo	Paul Scovazzo	Thomas Vetter
Christopher Burcham	Steve Thiel	Stefano Brandani
Handan Tezel	Heather Chenette	Caryn Heldt
William Phillip	Peter Ravikovitch	Seyi Oduyungbo

Sad News (Anand Vennavelli)

Neil Yeoman, one of the founders of the Division and treasurer for 29 years, died on October 2, 2020. An obituary will be published in the December issue of Chemical Engineering Progress.

Approval of Minutes from October 9, 2020 (Atanas Serbezov)

A motion to approve the minutes as distributed by e-mail passed by acclamation.

AIChE Annual Meeting Update (Ranil Wickramasinghe)

See slides in the Appendix for details.

Treasurer's Report (Tarun Poddar)

See slides in the Appendix for details.

Action Item: Before the end of the calendar year the Executive Committee of the Division must decide on the Division funds allocation for 2021. Ranil will call a meeting in early December and will invite Rick Cain, AIChE's Chief Financial Officer.

Election Results and Introduction of New Officers (Ranil Wickramasinghe)

Seth Huggins - 2nd Vice Chair
 Dan Summers – Director
 Caryn Heldt - Director
 Tarun Poddar - Treasurer
 Atanas Serbezov – Secretary

Leadership Roles (Ranil Wickramasinghe)

See slides in the Appendix for details.

Action Item: Area 2a is in urgent need for a chair and a vice-chair. Anand will reach out to Area 2a members.

Action Item: Ranil will reach out to George Goff, Area 2c chair, to discuss leadership succession plans for the area.

Action Item: Ranil will reach out to Mark Pilling to discuss the current situation and the future of the Advisory Council.

Action Item: Caryn Heldt will coordinate the Diversity Planning activities in the Division.

Action Item: Tarun Poddar, Dan Summers, and Haiqing Lin will coordinate the Fundraising activities in the Division.

Newsletter Update

The 2020 newsletter is published and accessible through the Division website. Great job Marina!

Website Update

Steve has done a great job maintaining and updating the website more up to date!

See slides in the Appendix for details.

Action Item: Area Chairs to send Steve one-paragraph descriptions of their area focus and scope.

Division Turning 30 (Ranil Wickramasinghe)

See slides in the Appendix for details.

In 2021 the Division will celebrate its 30th anniversary. On Monday, November 23, 2020 Dibakar 'DB' Bhattacharya will chair a web meeting with some of the founders of the Separations Division. The meeting will be recorded. The recording will be professionally edited and posted on the Division web site.

Awards

See slides in the Appendix for details.

Check the 2020 newsletter for the 2020 award winners.

Planning Meeting in December (Ranil Wickramasinghe)

Ranil will schedule a planning meeting in December.

See slides in the Appendix for details.

APPENDIX

Three types of presentations

Live presentation 10.30-11.30 am Monday –Friday, Friday 7.00 -8.00 am
Separations Division has two sessions for our Division Plenary Sessions

Prerecorded sessions 9.00 -10.00 am, 2.00-3.00 pm Monday –Friday
12.30-1.30 pm Friday

These are for Area Plenary/Honorary sessions.

We also have a prerecorded session with each of the live Division Plenary Sessions.

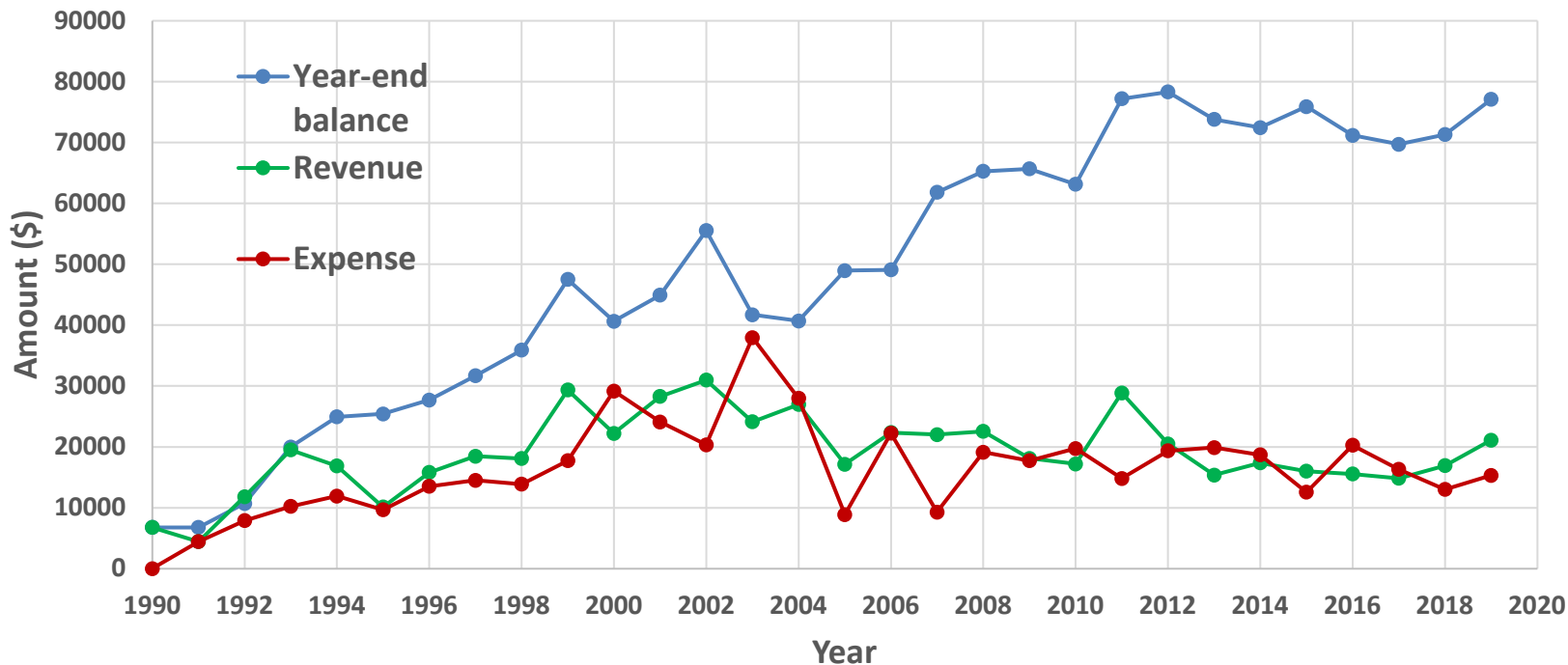
Prerecorded plus all other sessions offered as a la carte any time during the conference, 15 min presentations, but speakers are expected to log into an assigned prerecorded session time slot to answer questions. The sessions are: 8.00 – 9.00 am Monday-Friday and includes poster sessions.

2020 Virtual AIChE Annual Meeting Schedule Grid

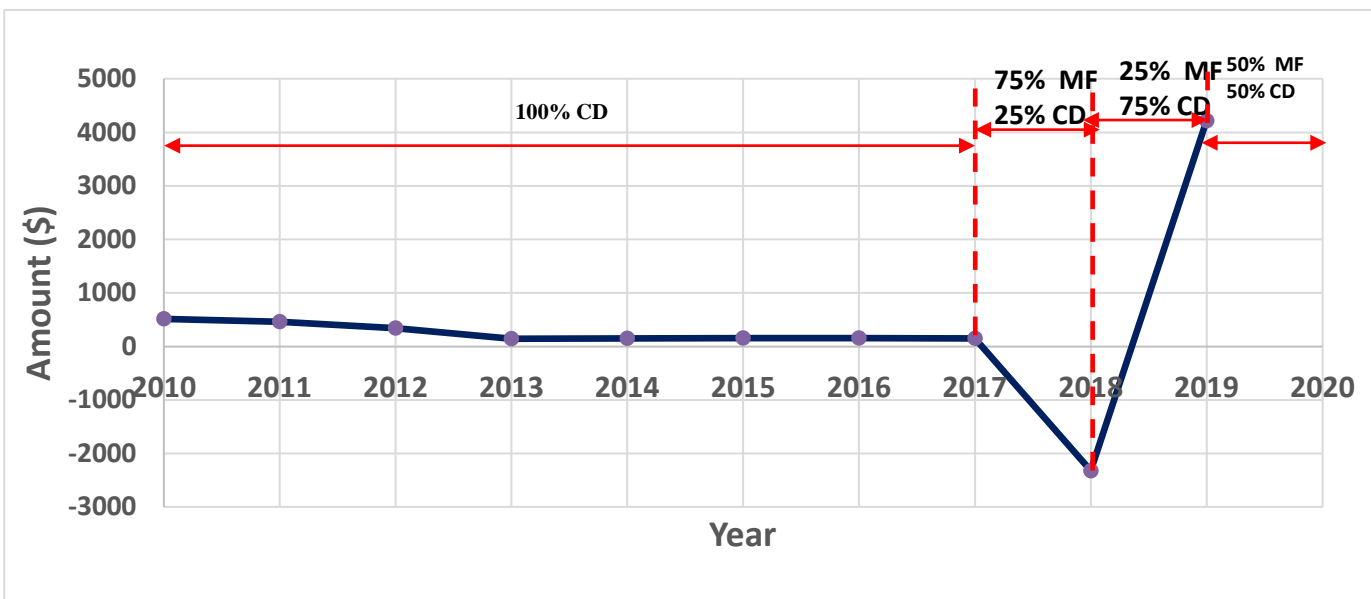
PST	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
5:00	Networking	Networking	Networking	Networking	Networking	Networking
5:30						
6:00						
6:30						
7:00		Danckwerts Lecture (Live)	Acrivos Lecture (Live)	Prausnitz Lecture (Live)	Schowalter Lecture (Live)	Live Sessions
7:30						
8:00	Committee Meetings & Workshops	Pre-Recorded+ Presentations & Poster Sessions	Pre-Recorded+ Presentations & Poster Sessions	Pre-Recorded+ Presentations & Poster Sessions	Pre-Recorded+ Presentations & Poster Sessions	Pre-Recorded+ Presentations & Poster Sessions
8:30						
9:00		Pre-Recorded Presentations	Pre-Recorded Presentations	Pre-Recorded Presentations	Pre-Recorded Presentations	Pre-Recorded Presentations
9:30						
10:00				Break		
10:30		Live Sessions	Live Sessions	Live Sessions	Live Sessions	Live Sessions
11:00						
11:30						
12:00				Committee Meetings & Break		
12:30		Meet the Leaders: Engineering for Inclusion (Live)	Bailey Lecture (Live)	Presidential Lecture (Live)	Oldshue Lecture (Live)	Pre-Recorded Presentations
13:00						
13:30				Break		
14:00	Honors Ceremony	Pre-Recorded Presentations	Pre-Recorded Presentations	Pre-Recorded Presentations	Pre-Recorded Presentations	Pre-Recorded Presentations
14:30						
15:00	Annual Business Meeting	Networking	Networking	Networking	Networking	
15:30						
16:00	Opening Reception					
16:30						

- **Good financial health**
 - **Current balance of over \$84,000**
 - **Anticipated year-end balance around \$82,000**
- **Received all anticipated corporate donations for 2020**
 - **From three companies – FIR, Chevron, Honeywell-UOP**
 - **Total of \$5,400**
- **Current investment**
 - **TD Account has been closed in April-2020**
 - **Total asset is now managed by AIChE**
 - ❖ **50% investment in mutual funds & 50% cash**

Separation Division Financial Trend



Investment Income Trend



- **Investment distribution for 2021**
 - Any change to be decided and communicated to AIChE by December 31 -2020
- **Future transactions**
 - Three options for payments:
 1. AIChE
 2. Amex credit card
 3. Personal expense
- **Getting reimbursed**
 - Travel expenses
 - Other business expenses
- **Financial worksheet**
- **Treasurer report**

Action item for December meeting: Rick Cain to explain AIChE investment strategy. Vote to be taken on investment percentages for 2021

Officers

Anand Vennavelli, Chair

Alice He, 1st Vice Chair (2022 Chair)

Seth Huggins, 2nd Vice Chair (2023 Chair)

Atanas Serbezov, Secretary

Tarun Poddar, Treasurer

Ranil Wickramasinghe, Past Chair, (poster competition)

Area Chairs

Andrew Sloley (Distillation & Absorption) 2019-2020

Thomas Vetter (Crystallization & Evaporation) 2020-2021

George Goff (Extraction) 2016-2020

Mahdi Malmali (Membrane-based Separations) 2020-2021

Peter Ravikovitch (Adsorption & Ion Exchange) 2020-2021

Isaac Gamwo (Fluid-Particle Separations) (2020-2021)

Caryn Heldt (Bioseparations) 2020-2021

Josh Thompson (General Topics & Other Methods) 2019-2021

Directors

Marina Tsianou (2017-2021)

Isaac Gamwo (2017-2021)

Paul Scovazzo (2018-2022)

Seyi Odueyungbo (2018-2022)

Haiqing Lin (2019-2023)

Angela Lueking (2019-2023)

Stefano Brandani (2020-2024)

Stephen Thiel (2020-2024)

Dan Summers (2021-2025)

Caryn Heldt (2021-2025)

CTOC/SIOC Liaison

Marcus Mello (2020-2021)

Role	Person in Charge (2020)	Succession plan (2021)
Treasurer	Tarun Poddar	Tarun Poddar
Webmaster	Steven Thiel	Steven Thiel
Engage and other Communication Platforms	Paul Scovazzo	Paul Scovazzo
Awards Coordinator	Haiqing Li Dan Summers	Haiqing Li Dan Summers
Treasurer	Tarun Poddar	Tarun Poddar
CTOC/SIOC liaison	Marcus Mellow	Marcus Mellow
Advisory Council	Not active	Proposed ad hoc committee
Newsletter Editor	Marina Tsianou	Marina Tsianou

Role	Person in Charge (2020)	Succession Plan (2021)
Diversity planning coordinator	Not filled	Caryn Heldt
Document people recognized by Areas	Alice He	Alice He
Industry Thought Leaders/ YP Liaison	Isaac Gamwo	Isaac Gamwo
Awards promotion & advertising		Dan Summers Haiqing Lin
Membership growth initiatives		TBD if needed in 2021
Fundraising coordinator		Dan Summers Haiqing Lin Tarun Poddar
Interactions with other organizations		TBD if needed in 2021
Topical Conference Liaison	Angela Lueking	Angela Lueking

Website has lots of updates and new content

- **2019 and 2020 newsletter**
- **Awards presentation video**
- **Presentations from 2020 Spring Annual Meeting**

- **Coming soon**
- **Plenary presentations from 2020 Annual Meeting**
- **30th Anniversary Discussion by Founders**

Dibakar 'DB' Bhattacharya will chair a web meeting with some of the founders of the Separations Division. I will record the meeting which will be held using WebEx. This will be edited and uploaded to the Separations Division website.

Participants

**Founding Chair, C. Judson King; Founding
First Vice Chair Jimmy L. Humphrey;
Founding Second Vice Chair Richard D Noble;
one of the first three Directors John Pellegrino;
AIChE Council Liaison Edward L. Cussler and
Second Area 2D Chair for Membrane Based Separations William J Koros**

Proposals: Professionally edit the discussion and post on our website



1990-2020

Accomplished

- **Awards Slides given to Marina for the Newsletter**
- **Plaque Order received yesterday. Problem with the check from AIChE. Will use the credit card in the future**
- **Double checked all mailing addresses for Plaques yesterday (19 November) and this morning. Completed!**
- **I believe Awards checks have gone out.**

To do yet

- **Distribute (Mail) Plaques**
- **Outreach & Education Award information not yet updated on web site**

The following items will be discussed at the December Planning Meeting

- 1. Programming for 2021 Annual Meeting**
- 2. Allocation of funds/investment options**
 - 1. Rick Cain will explain how AIChE invest our funds**
 - 2. Vote to be taken on investment strategy for 2021**
- 3. Ranil to report back on proposed 'ad hoc' Advisory Council**
- 4. Discussion of Education and Outreach Award**
- 5. Succession planning for (2A Distillation & Absorption) 2019-2020 and 2C Extraction**
- 6. Other business**