

ETHYLENE PRODUCERS' TECHNOLOGY SUBCOMMITTEE (TSC) MEETING

Date: Thursday: Dec 8, 2022

Time: 4:30 to 5:30 PM CDT

Location: DoubleTree by Hilton at Greenway Plaza, Houston.

Hilton Honors Meeting PW: hougwstandard

Attendance:

Last Name	First Name	Company	12/8/2022
Arora	VK	Kinetics Process Improvements	X
Buehler	Jack	Shell- Retired	X
Charlton	Bill	Compact Membrane Systems	X
de Barros	Jose	Lummus	Out
Devakottai	Bala	Chevron Phillips Chem	X
Fox	Rob	LyondellBasell	Out
Hamilton	Jason	Dow Chemical	Business Trip
Imran	Muhammad	Technip	Business Trip
Kapur	Sanjeev	Apex	X
Kehrier	Greg	Shell	X
Krinock	Robert	Dow Retired	X
Krumins	Aivars	McDermott	Business Trip
Kruse	Ryan	Ineos	Out
Le Geyt	Darren	KBR	X
Polito	Charles	Chevron Phillips Chem	X
Rafique	Humera	Siluria Technologies	Mtg Conflict
Rollins	Kaleb	Dow	Out
Spicer	David	ExxonMobil	X
Tallman	Michael	KBR	Conflict
Ting	Tiong-Ee	Westlake Chemical	X
Whitney	Mark	Linde	X
Zygula	Timothy	BASF	Out
Total Members	22	Members in Attendance	12
		Participation	54.60%

Agenda:

1) Anti-Trust Statement Read by RJ Krinock

No activity of the Committee shall involve the exchange, collection or dissemination among competitors of information, or be used for the purpose of bringing about or attempting to bring about any understanding or agreement, written or oral, formal or informal, express or implied, among competitors with regard to costs, prices or pricing methods, terms or conditions of sale, distribution, production quotas or other limitations, on either the timing, or volume of production, or sales, or allocation of territories or customers.

2) Five Minutes on Safety by Greg Kehrier

Greg described an incident in which the base of a distillation column began filling up with liquid, during a rainstorm. The column overflowed to the point that a downstream level drum started to show a high LL. The distillation col's dP instrument had a bad/low reading. Incident highlights the need to have backup level instruments, and/or instruments using a different LL sensing technology, with "alarms". The dP transmitter's output becomes ineffective once the LL rises above the top lead.

3) Previous Mtg Minutes: The October 13 minutes were accepted

4) Review Voting Results for TSC – 3 Session:

The Technology & Decarbonization sessions had over 30 abstracts submitted. Early on it was agreed we had enough good papers to support a 3rd "Technology" sponsored session. Aivars took the lead in sorting papers into 3 sessions for TSC member voting/ranking. A number of abstracts related to "Heaters & H2 Firing" were submitted, so that became the 3rd Technology Session. Spreadsheets were put together for each of the 3 sessions for TSC members for ranking. The voting spreadsheets were sent out by individual session Chairs/Co-Chairs. Final raking for each of the 3 sessions is attached. The top 6 papers for each session are highlighted.



2 2023 All TSC
Sessions Vote Rankin

There was some discussion about having enough "good" papers, that did not make the top 6 cut, to actually support a 4th Technology related session. It was decided that would be too many Technology sessions. Session chairs always have the option to "swap" papers for topic /author balancing if they choose.

Going forward session leaders should:

- Notify the top 6 authors of each session, that their abstract was selected, verify that they need to write both a paper & ppt for the EPC. The general AIChE session does not require both a paper & ppt, so the EPC requirements should be made clear to authors. Papers /PPTS presented at the EPC are published into the OMNIBOOKSONLINE website after the conference:
- <https://epc.omnibooksonline.com/>
- Request a positive replay as soon as possible, so we can go ahead with session preparations.
- After authors have agreed to writing paper & ppt, then notify other authors, that did not make the top 6 cut, of options to be moved to the "AIChE" General Papers Pool, Poster Session, or to resubmit for next year's conference.
- Session chairs should request draft papers be sent to us no later than mid February, 2023. Remember the Spring Conference starts on March 12, so the mid-Feb date is only a month before the mtg starts, so not a lot of time for comments/re-writes. Draft PPTs should follow as soon as practical after that. Be aware that papers/ppts for publication have to be approved by corporate/academic legal departments, so our ability to "rewrite" the paper is sometimes limited. We have found authors will attempt to accommodate our "editing" comments when possibly.
- The following are some additional dates to keep in mind:

Chairs Accept/Reject Abstracts for Sessions - December 9, 2022

Acceptance notice sent to authors – 3rd wk of December

Draft Program Avail for Review - January 6, 2023

Program goes live - January 13, 2023

Session chairs/co-chairs set presentation/paper due dates - January/February 2023

Conference Dates - March 12-16, 2023

- **Fundamentals Session**
 - Chair: Jack Buehler
 - Co-chair: Bob Krinock
 - Mentee: David Spicer

 - **Circular Economy/Decarbonization Session**
 - Chair: Jose de Barros
 - Co-Chair: Bill Charlton
 - Mentee: Aivars Krumins

 - **Heaters & H2 Firing**
 - Chair: Aivars Krumins
 - Co-chair: Chuck Polito
- 5) **Review Status of Caustic System Tutorial:**
- Chair: Bala Devakottai
 - Co-Chair: Muhammad Imran
 - Mentee: Jason Hamilton
 - Have 6 papers now & feel session is going to be in good shape. Papers are a mix of Additives vendors and one Technology vendor.

Key Dates for the 2023 Ethylene Producers' Conference in Houston.

- June 20, 2022 – Call for abstracts opens
- October 25, 2022 – Call for abstracts closes
- October 28, 2022 – Target date to circulate voting/abstracts for both sessions, to be emailed out to group.
- December 1, 2022 – review abstract voting if needed (virtually) **This mtg was cancelled. Session chairs had a mtg on Dec 6 to discuss voting results.**
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- December 9, 2022 – Papers accepted or rejected
- January 6, 2023 – Draft schedule ready
- January 13, 2023 – Program goes live
- March ??, 2023 – Paper submission closes
- **March 12-18, 2023 Spring Meeting – Houston, TX**

Future Meeting Dates

Jan 26, 2023

March 12-16, 2023 EPC Conference is in Houston, TX