

ETHYLENE PRODUCERS' TECHNOLOGY SUBCOMMITTEE (TSC) MEETING

Date: Thursday: Aug 10, 2023

Time: 4:30 to 5:30 PM CDT

Location: DoubleTree by Hilton at Greenway Plaza, Houston.

Hilton Honors Meeting PW: hougwstandard

Last Name	First Name	8/10/2023
Arora	VK	X
Buehler	Jack	X
Charlton	Bill	X
de Barros	Jose	
Devakottai	Bala	X
Fox	Rob	X
Hamilton	Jason	X
Imran	Muhammad	X
Kapur	Sanjeev	X
Kehrier	Greg	X
Krinock	Robert	X
Krumins	Aivars	X
Kruse	Ryan	
Le Geyt	Darren	X
Polito	Charles	X
Rafique	Humera	X
Rollins	Kaleb	
Spicer	David	X
Tallman	Michael	
Ting	Tiong-Ee	X
Whitney	Mark	X
Yu	Ying	X
Zygula	Timothy	X
		82.6%

Tentative AGENDA

1. Reading of the Anti-Trust Statemen (Read by Jason Hamilton)t:
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
Rental Car Inspection
3. Review Membership/Attendance Spreadsheet
4. Slido Update from Kaleb

a. Insert response from Slido



Fwd Help from
Slido.msg

The number of Slido respondents was low (typically single digits). Slido default is the question session. It may be beneficial for Slido to automatically switch to the Ratings tab once the question session has ended. Kaleb Rollins volunteered to reach out to Slido to see if they had any recommendations on how we could increase the number of respondents. Following is the response received from Slido:

There are no prompts within Slido that will ask the user to rate the session. This would have to be done manually by the event creator, the best way would be to create poll within Slido that asks for user feedback on the session

5. Session Timing Discussion – See Email for Daryl Bitting below.
[We would like to have the Fundamentals session moved so it does not compete with the Contaminants session.](#)
6. TSC Membership.
[Deryl Bitting mentioned a possible addition of Eastman representative in Technology Subcommittee. He will share the bio for approval by Technology Sub Committee.](#)
7. Discuss 2024 Sessions and Tutorial
 - a. Fundamentals Session
 - i. Chair: Jack Buehler
 - ii. Co-Chair: Bob Krinock
 - iii. Shadow: David Spicer

[Members of the committee, please contact your respective companies for papers. Small Nuclear Reactor from Dow paper a possibility. Bob has created the forms/template for ratings, which he has sent out and attached with these meeting notes. Possibly get a paper NuScale about SMR's, if Dow paper does not come through. Need to reach out to University of Ghent as well.](#)



1 2024-TSC
Fundamentals Voting.

b. Decarbonization/Sustainability Session

- i. Chair: Chuck Polito
- ii. Co-Chair: Humera Rafique
- iii. Shadow: Kaleb Rollins

Still polling/soliciting for papers. Team to meet more in September to discuss it. Others soliciting papers within their companies. Would like to get more operators involved this year. Perhaps a paper on pyroil would be good. Please solicit your company for papers. We should reach out to the licensors as well. Need to look at last year's list as well and see what we can bring to this year. Can we reach out to the DOE for potential papers? Perhaps something on what they will be funding in the future. We probably need to pursue some papers on H2 firing and burner technology related to it. Perhaps a refractory paper as well relating to this. Reaching out to Lamar University can also be helpful. Electrical furnace development by Linde-BASF most likely will mature in 2025 for presenting in EPC. Reach out Shell for CanSolv technology on carbon capture. Explore the possibility of LanzaTech paper on CO2 to Ethylene.

~~e. Tutorial: Adsorbents for Feed or Product Contaminants~~ **Tutorial Canceled will defer to Contaminants Subcommittee tutorial**

~~i. Chair: Bala Devakottai~~

~~ii. Co-chair: Debby Rossana (Impurities and Contaminants) TBD~~

Removed from topics since contaminants is going to have tutorial. Possible do this next year.

8. Important Dates

- Conference: March 25-29, 2024 in New Orleans
- Call for Abstracts
 - Opens: 6/13/2023
 - Closes: 10/25/2023
 - Abstract Accepted/Rejected: 12/8/2023
 - Paper submission closes: 10/03/2024

- Meeting dates for the 2024 planning cycle:
 - 15 June 2023
 - 10 August 2023
 - 12 October 2023
 - 7 December 2023
 - 1 February 2024

Safety Topic – Inspect your Rental Car Tires thoroughly before you leave!



General Business

From: Bitting, Daryl <dbitting@eastman.com>
Sent: Friday, July 28, 2023 10:23 AM

General Business

To: Hamilton, Jason (J) <JMHamilton@dow.com>
Cc: jeff.elam@ineos.com; Bitting, Daryl <dbitting@eastman.com>; Michael Tallman <michael.tallman@kbr.com>
Subject: RE: [EXTERNAL] RE: 2024 Ethylene Producers Committee Roster

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Approved for External Use

Jason,

With two sessions and one tutorial for 2024, I would like to get input from the Technology & Fundamentals team where you would like to put your sessions and tutorial. In 2023, you had the caustic tutorial and 3 sessions. With one less session from Technology & Fundamentals Committee, I propose the following:

- Keep the Tuesday morning session for Technology & Fundamentals
- Keep your tutorial on Tuesday afternoon, same as 2023.
- Keep the Decarbonization on Thursday morning. It was well attended in that time slot this year.

Monday would be an option for one of these sessions, but we could hold that in reserve if you or another committee decides to add a session later. Keeping Monday afternoon open would also allow a smooth transition from the keynote address to a single session immediately following.

Thanks in advance for your feedback.

-Daryl

	Sunday	Monday	Tuesday	Wednesday	Thursday
8:00 AM			Contaminant & Impurities	Technology & Fundamental	Operations
8:30 AM				Environmental	TSC Decarbonization
9:00 AM		Breakfast Break 9-9:40	Morning Break 9:20	Morning Break 9:20	Morning Break 9:20
9:30 AM					
10:00 AM		Industry 4.0	8:00-11:00	8:00-11:00	8:00-11:00
10:30 AM					
11:00 AM		9:30-11:30			
11:30 AM			EPC NETworking Lunch 11:30-1:00		
12:00 PM					
12:30 PM					
1:00 PM					
1:30 PM		EPC Keynote 1:30-2:15			
2:00 PM			Rotating Equipment	TSC Absorbent Tutorial	Safety
2:30 PM		Maintenance Reliability		Contaminant Tutorial	
3:00 PM					
3:30 PM			Afternoon Break 3:20	Afternoon Break 3:20	
4:00 PM		Afternoon Break 3:50	2:00 - 5:00	2:00 - 5:00	2:00 - 5:30
4:30 PM		2:30 - 5:30			
5:00 PM					
5:30 PM	EPC Welcome Reception				
6:00 PM					
6:30 PM		Speakers Reception 6:15 -			
7:00 PM					
7:30 PM	AGILE Reception 6:30 - ???	Speakers Dinner 7:00 - 9:00			
8:00 PM					
8:30 PM					

Daryl Bitting