



## Saudi Arabian Section of the Combustion Institute

15<sup>th</sup> SAS – CI Annual Conference 19<sup>th</sup> – 20<sup>st</sup> October 2025

King Abdullah University of Science and Technology (KAUST)
Venue: Lecture Theatre between

Building 4 and Building 5
<a href="https://maps.app.goo.gl/SPekkpSFH5Aqn6V97">https://maps.app.goo.gl/SPekkpSFH5Aqn6V97</a>

## **Hosted by**





## Theme: Fuels and Fire Safety for Energy Transition

Day 1: Sunday, 19 <sup>th</sup> October 2025			
8:30 - 9:00	Arrival and registration		
9:00 - 9:10	Welcome Remarks – Local Host / SAS-CI Chairman		
9:10 – 9:50	Plenary Lecture 1: Fire Safety Under a New Energy Mix Speaker: Prof. Jose Torero (University College London)		
9:50 – 10:30	Plenary Lecture 2: Runaway Fire in Lithium-Ion Batteries Speaker: Prof. Aamir Farooq (KAUST)		
10:30 - 10:50	Coffee Break		
Session 1: Fire Safety – Hydrogen, Ammonia and Batteries (Chair: TBC)			
10:50 - 11:05	Contributed Paper 1		
11:05 – 11:20	Contributed Paper 1		
11:20 – 11:35	Contributed Paper 1		
11:35 – 11:50	Contributed Paper 1		
11:50 – 12:25	Panel Discussion: Mitigation of Fire Hazards in the FutureModerator - TBC3. Eng. Ahmed Albabtain		
	2. Prof. Aamir Faroog		
12:25 – 12:30	2. Prof. Aamir Farooq Group Photo		
12:25 – 12:30 12:30 – 13:45	·		
	Group Photo		
12:30 – 13:45 13:45 – 14:30	Group Photo Lunch Break Plenary Lecture 3: Fuels of the Future		
12:30 – 13:45 13:45 – 14:30	Group Photo Lunch Break  Plenary Lecture 3: Fuels of the Future Speaker: Prof. Paul Hellier (University College London)		
12:30 – 13:45 13:45 – 14:30 Session 2: Cor	Group Photo Lunch Break  Plenary Lecture 3: Fuels of the Future Speaker: Prof. Paul Hellier (University College London)  mbustion of Future Fuels (Chair: TBC)		
12:30 – 13:45 13:45 – 14:30 Session 2: Cor 14:30 – 14:45	Group Photo Lunch Break  Plenary Lecture 3: Fuels of the Future Speaker: Prof. Paul Hellier (University College London)  mbustion of Future Fuels (Chair: TBC)  Contributed Paper 1		
12:30 – 13:45 13:45 – 14:30 Session 2: Cor 14:30 – 14:45 14:45 – 15:00	Group Photo Lunch Break  Plenary Lecture 3: Fuels of the Future Speaker: Prof. Paul Hellier (University College London)  mbustion of Future Fuels (Chair: TBC)  Contributed Paper 1  Contributed Paper 2		

16:00 – 16:15	Contributed Paper 5
16:15 – 16:30	Contributed Paper 6
16:30 – 16:45	Contributed Paper 7
16:45 – 17:00	Contributed Paper 8
17:00 - 18:00	Poster Session
18:00 - 19:30	Dinner

## Day 2: Monday, 20<sup>th</sup> October 2025

Plenary Lecture 4: On the Use of AI and ML in Turbulent				
8:30 - 9:10	Combustion Modeling			
0.30 3.10	Speaker: Prof Konduri Aditya (Indian Institute of Science)			
Session 3: Application of AI/ML in Combustion (Chair: TBC)				
9:10 – 9:25	Contributed Paper 1			
9:25 – 9:40	Contributed Paper 2			
9:40 – 9:55	Contributed Paper 3			
9:55 – 9:10	Contributed Paper 4			
10:10 - 10:30	Coffee Break			
	Panel Discussion: Use of AI/ML Tools in Industry and Research			
	Moderator - TBC			
10:30 – 11:30	1. Prof. Konduri Aditya	3. Dr. Qi Wang		
	2. Prof. Hong Im	4. Dr. Jihad Badra		
Session 4: Experimental and Numerical Studies in Combustion (Chair: TBC)				
11:30 – 11:45	Contributed Paper 1			
11:45 – 12:00	Contributed Paper 2			
12:00 – 12:15	Contributed Paper 3			
12:15 – 12:30	Contributed Paper 4			
12:30 - 12:45	SAS-CI Awards Announcement			
12:45 – 12:55	Closing Remarks – SAS-CI Chairman			
12:55 – 14:30	Lunch			