

GPAE ANNUAL CONFERENCE

The Hague Marriott Hotel, The Hague

4th – 6th June 2025



[Agenda](#) [Delegate List](#) [Event Feedback](#) [Future Events](#)

Agenda

Wednesday 4th June *(note: only for delegates who registered to attend the Workshop)*

12:00 – 13:00	Welcome Lunch	The Gallery Restaurant, Floor 0
12:15 – 13:00	Event Registration	A1 Foyer, Floor -1
13:00 – 17:00	Workshop: Purification of Gas for Cryogenic Process <i>Session Chair: Samantha Nicholson</i>	A1 Plenary room, Floor -1
13:00 – 13:50	Hydrocarbon Dewpoint; the Gap Between Theory and Reality <i>Speaker: Paul Stockwell, Process Vision</i>	A1 Plenary room, Floor -1
13:50 – 14:45	Designing and Commissioning Activated Carbon Filters for Purification of Gas Scrubber Liquids <i>Speaker: Marcel Scholten, Norit</i>	A1 Plenary room, Floor -1
14:45 – 15:15	Refreshments Break	A1 Foyer, Floor -1
15:15 - 16:05	CO2 Ethane Separation Using CTA Polymeric Hollow Fiber Membranes <i>Speaker: Dr. Hans Kumar, SLB</i>	A1 Plenary room, Floor -1
16:05 – 17:00	LNG pre-treatment - Heavy Hydrocarbon Removal from Lean Natural Gas <i>Speaker: Dr. Tobias Eckardt, BASF</i>	A1 Plenary room, Floor -1

Wednesday 4th June

17:00 – 19:00	Annual Conference Welcome Reception (drinks and canapes)	The garden (weather permitting); if not the A1 Foyer, Floor -1
---------------	--	--

Thursday 5th June

08:00 – 09:00	Event Registration & Welcome Refreshments	A1 Foyer, Floor -1
09:00 – 13:15	Morning Session <i>Session Chair: Javier Alfonzo</i>	A1 Plenary room, Floor -1
09:00 – 09:10	Welcome Address by the GPAE Chairperson <i>Samantha Nicholson, GPAE Chairperson</i>	A1 Plenary room, Floor -1
09:10 – 09:40	Keynote Address <i>Pavan Chilukuri, Energex Partners</i>	A1 Plenary room, Floor -1
09:40 – 11:10	Panel Discussion: Roadmap or Roadblock? – CO2 and Hydrogen Pipelines <i>Panel Moderator: Stuart Penson, Gulf Energy Information</i> <i>Panellists: Dr. Manohara Gudiyor, NPL; Peter van Elferen, Gasunie; Dr. Thomas Fontfreyde, Genesis Energies; Thomas de Cazenove, Shell</i>	A1 Plenary room, Floor -1
11:10 – 11:45	Refreshments Break	A1 Foyer, Floor -1
11:45 – 12:15	CO2 Conditioning - Design Challenges <i>Speakers: Dr. Myrian Schenk, Baker Hughes, and Dr. Tobias Eckardt, BASF</i>	A1 Plenary room, Floor -1
12:15 – 12:45	Process Design Considerations In Defining The Refrigeration Techniques For CO2 Handling Facilities <i>Speaker: Paolo Cari, Saipem</i>	A1 Plenary room, Floor -1
12:45 – 13:15	Carbon Capture: An Integrated Solution <i>Speaker: Leorelis Vasquez, Worley</i>	A1 Plenary room, Floor -1
13:15 – 14:30	Lunch	The Gallery Restaurant, Floor 0
14:30 – 16:00	Afternoon Session <i>Session Chair: Oliver Carter</i>	A1 Plenary room, Floor -1
14:30 – 15:00	Selection of Compression System(s) for Green Hydrogen Facilities <i>Speaker: Asif Ali, Bechtel</i>	A1 Plenary room, Floor -1

15:00 – 15:30	Modelling Equilibria and Fluid Properties of Hydrogen Mixtures for a Sustainable Energy Economy <i>Speaker: Dr. Behnam Salimi, KBC</i>	A1 Plenary room, Floor -1
15:30 – 16:00	The Factors Effecting the Design of Hydrogen Plants Based on PEM and Alkaline Electrolysers <i>Speaker: Dr. Andrew Till, Bechtel</i>	A1 Plenary room, Floor -1
16:00 - 17:30	Exhibitor Reception (served with refreshments)	A1 Foyer, Floor -1
16:15 – 17:30	Technical Poster Presentations (in the same area as the Exhibitor Reception; served with refreshments)	A1 Foyer, Floor -1
17:30 – 18:25	At leisure	N/A
18:25 – 18:30	Make your own way to the dinner venue (~5 mins walk from The Marriott)	N/A
18:30 – 22:15	Dinner at the Gastrobar Berlage: welcome drinks at 18:30, dinner served at 19:15.	Address: Pres. Kennedylaan 1, 2517 JK Den Haag, Netherlands

Friday 6th June

08:00 – 09:00	Event Registration & Welcome Refreshments	A1 Foyer, Floor -1
09:00 – 12:00	Morning Session <i>Session Chair: Paul Hopkinson</i>	A1 Plenary room, Floor -1
09:00 – 09:30	Young Professional Presentation	A1 Plenary room, Floor -1
09:30 – 10:00	Resolution On Free Water Carryover in C3+ NGL Product at NGL Producing Facility <i>Speaker: Taib Abang, Saudi Aramco</i>	A1 Plenary room, Floor -1
10:00 – 10:30	Enhancing Acid Gas Separation with Durable PIM-1 Membranes in Hybrid Systems <i>Speaker: Dr. Faiz Almansour, Saudi Aramco</i>	A1 Plenary room, Floor -1
10:30 – 11:00	Refreshments Break	A1 Foyer, Floor -1
11:00 – 11:30	Iron Sulphide - Friend or Foe Revisited <i>Speaker: Mike Sheilan, Amine Experts</i>	A1 Plenary room, Floor -1
11:30 – 12:00	The Other Sulfides: Organic Sulfur Species in Amine Solvents <i>Speaker: Kaiyr Tekebayev, SGS Sulphur Experts</i>	A1 Plenary room, Floor -1
12:00 – 12:30	Solubility of Light Hydrocarbons in Amine Treating Solutions <i>Dr. Inna Kim, SINTEF</i>	A1 Plenary room, Floor -1

12:30 – 13:30	Lunch	The Gallery Restaurant, Floor 0
13:30 – 16:00	Afternoon Session <i>Session Chair: Philip Le Grange</i>	A1 Plenary room, Floor -1
13:30 – 14:00	DMX CO2 Capture in Dunkirk - Final Outcomes and Key Takeaways <i>Speaker: Dr. Qiao Zhao, Axens</i>	A1 Plenary room, Floor -1
14:00 – 14:30	Enhancing Post-Combustion CO2 Capture: Flue Gas Contaminant Management in Amine-Based Solvent Systems <i>Speaker: Alessandro Mari, Saipem</i>	A1 Plenary room, Floor -1
14:30 – 15:00	Break	A1 Foyer, Floor -1
15:00 – 15:30	CO2 Capture in Brownfields Units: Application in Refining and Power Industry <i>Speakers: Jerome Bayle & Enrique Gomez Suarez, TotalEnergies</i>	A1 Plenary room, Floor -1
15:30 – 16:00	Innovative CO₂ Capture Technique for Natural Gas Operations <i>Speakers: Dr. Sebastian Duval, Aramco & Dr. Kaaeid Lokhandwala, MTR Inc</i>	A1 Plenary room, Floor -1
16:00 – 16:05	Chairperson's close of the conference <i>Samantha Nicholson, GPAE Chairperson</i>	A1 Plenary room, Floor -1

Delegate List

First Name	Last Name	Company	Country
Taib	Abang	Saudi Aramco	Saudi Arabia
Tolu	Aguda	Bechtel	United Kingdom
Hamideh	Ahi	BASF SE	Germany
Carmella	Alfano	Axens	France
Javier Enrique	Alfonzo Paez	Kent UK Engineering	United Kingdom
Asif	Ali	Bechtel	United Kingdom
Faiz	Almansour	Saudi Aramco	Saudi Arabia
Gokhan	Alptekin	SulfaTrap LLC	USA
Nick	Amott	Fluor	United Kingdom
Baptise	Barthes	Technip Energies	France
Jerome	Bayle	TotalEnergies	France
Filip	Berggren	Tranter	Sweden
Eric	Bleuset	Fives Cryo	France
Gary	Bowerbank	Shell	The Netherlands
Albane	Bressand	TotalEnergies	France
Paolo	Cari	Saipem S.P.A.	Italy
Oliver	Carter	Fluor	United Kingdom
Andrea	Castellano	Tecnimont S.p.a.	Italy
Filip	Cejka	Bryan Research & Engineering	Czech Republic
Dion	Chan	McDermott International Inc.	United Kingdom
Pavan Kumar	Chilukuri	Energex Partners	United Kingdom
Martin	Copp	Parker Hannifin	United Kingdom
Shailesh	Dandekar	Kent Plc	United Kingdom
Thomas	De Cazenove	Shell	The Netherlands
Bart	de Groot	Siemens Industry Software Limited	United Kingdom
Iris	de Krom	VSL B.V.	The Netherlands
Giorgio Maria	de Mitri	McDermott	United Kingdom
Mark	Duisters	Worley Comprimo	The Netherlands
Haamid	Dungarwalla	Bechtel	United Kingdom
Sebastian	Duvall	Saudi Aramco	Saudi Arabia
Tobias	Eckardt	BASF Process Catalysts GmbH	Germany
Jeroen	Engels	SGS Sulphur Experts	The Netherlands
Scott	Ewen	McDermott International Inc.	United Kingdom
Thomas	Fontfreyde	Genesis Energies	France
Ron	Frend	PetroSkills	USA
Andrea	Giovannelli	Pentair Oil & Gas Separations	Italy
Enrique	GOMEZ SUAREZ	TotalEnergies OneTech	France
Margaret	Greene	BASF Corp	USA

First Name	Last Name	Company	Country
Manohara	Gudiyor Veerabhadrappa	NPL Management Ltd	United Kingdom
Shomit	Haldar	Dow Inc.	United Arab Emirates
Malcolm	Harrison	PetroSkills	Spain
Bitu	Hassani	Eastman	Belgium
Paul	Hopkinson	Pall Europe Ltd	United Kingdom
Stefan	Huisman	Parker Hannifin	The Netherlands
Guillermo	Jimeno	Siemens	United Kingdom
Bjorn	Kalka	Norit Activated Carbon	The Netherlands
Kristian	Kapusta	Bryan Research & Engineering	Czechia
Krista	Karjala	Vahterus Oy	Finland
Sabawun	Khostval	Petrofac	United Kingdom
Inna	Kim	SINTEF	Norway
David	Knight	SLB	United Kingdom
Hans	Kumar	SLB	USA
Anouk	L'Hermitte	Axens	France
Philip	le Grange	Axens	France & Bahrain
Jonathan	Li	Axens	France
Kaaeid	Lokhandwala	MTR Inc	USA
Alessandro	Mari	Saipem S.P.A.	Italy
Alberto	Martinez Gonzalez	Worley Comprimo	The Netherlands
Piran	Mazaheri	McDermott Inc.	United Kingdom
Max	Milarvie	Kent Plc	United Kingdom
Iain	Morris	Bechtel	United Kingdom
Subrata	Mukhopadhyay	Petrofac	United Kingdom
Samantha	Nicholson	Fluor	United Kingdom
Matias	Oksa	Vahterus Oy	Finland
Pavlos	Papadopoulos	Parker Hannifin	Belgium
Stuart	Penson	Gulf Energy Information	United Kingdom
Gauthier	Perdu	Technip Energies	France
Irina	Pitrelli	Kent Plc	United Kingdom
Lesley	Potts	GPA Europe	United Kingdom
Nimisha	Prabhakar	Axens	France
Freya	Roe	Fluor	United Kingdom
Eric	Roisin	Worley Comprimo	The Netherlands
Behnam	Salimi	KBC Process Technology	United Kingdom
Sabrina	Santarossa	ARVOS Ljungstrom GmbH	Italy
Manon	Sauvage	Fives Cryo	France
Dominik	Scheid	ARVOS Ljungstrom GmbH	Germany
Myrian	Schenk	Baker Hughes	United Kingdom
Ulrich	Schmitz	Atlas Copco	Germany
Marcel	Scholten	Norit Activated Carbon	The Netherlands
Matthieu	Serck	Dow Inc.	Belgium

First Name	Last Name	Company	Country
Michael	Sheilan	SGS Amine Experts	Canada
Paul	Stockwell	Process Vision	United Kingdom
Andrew	Stone	Technip Energies	United Kingdom
Lara	Sutter	Kanadevia Inova AG	Switzerland
Kaiyr	Tekebayev	SGS Amine Experts	The Netherlands
Daniel	Telford	Parker Hannifin	United Kingdom
Andrew	Till	Bechtel	United Kingdom
Alessandra	Trentin	Tecnimont S.p.a.	Italy
Peter	van Elferen	Gasunie	The Netherlands
Albert	van Lawick van Pabst	SDS Separation Technology B.V.	The Netherlands
Sjaak	van Veelen	Chem Group MPR Services LLC	The Netherlands
Rebecca	VANDERMOUTEN	NOV	France
Joe	Vara	Rotor-Tech, Inc.	USA
Leorelis	Vasquez	Worley Comprimo	The Netherlands
Markus	Vogt	Linde GmbH/Linde Engineering	Germany
Marion	Voisin	Technip Energies	France
David	Wochner	Kanadevia Inova	Switzerland
Florian	Zanussi	TotalEnergies	France
Qiao	Zhao	Axens	France

Event Feedback

How would you rate the **Presentation?**

Low High

1	2	3	4	5
---	---	---	---	---

		1	2	3	4	5
Thursday 5th June						
Session 1	CO2 Conditioning - Design Challenges <i>Dr. Myrian Schenk, Baker Hughes, and Dr. Tobias Eckardt, BASF</i>					
Session 2	Process Design Considerations In Defining The Refrigeration Techniques For CO2 Handling Facilities <i>Paolo Cari, Saipem</i>					
Session 3	Carbon Capture: An Integrated Solution <i>Leorelis Vasquez, Worley</i>					
Session 4	Selection of Compression System(s) for Green Hydrogen Facilities <i>Asif Ali, Bechtel</i>					
Session 5	Modelling Equilibria and Fluid Properties of Hydrogen Mixtures for a Sustainable Energy Economy <i>Dr. Behnam Salimi, KBC</i>					
Session 6	The Factors Effecting the Design of Hydrogen Plant Based on PEM and Alkaline Electrolysers <i>Dr. Andrew Till, Bechtel.</i>					
Friday 6th June						
Session 1	Resolution On Free Water Carryover in C3+ NGL Product at NGL Producing Facility <i>Ali M Abbas, Aramco</i>					
Session 2	Enhancing Acid Gas Separation with Durable PIM-1 Membranes in Hybrid Systems <i>Dr. Faiz Almansour, Aramco</i>					
Session 3	Iron Sulphide - Friend or Foe Revisited <i>Mike Sheilan, Amine Experts</i>					
Session 4	The Other Sulfides: Organic Sulfur Species in Amine Solvents <i>Megan Percy, SGS Sulphur Experts</i>					
Session 5	Solubility of Light Hydrocarbons in Amine Treating Solutions <i>Dr. Inna Kim, SINTEF</i>					
Session 6	DMX CO2 Capture in Dunkirk - Final Outcomes and Key Takeaways <i>Dr. Qiao Zhao, Axens</i>					
Session 7	Enhancing Post-Combustion CO2 Capture: Flue Gas Contaminant Management in Amine-Based Solvent Systems <i>Alessandro Mari, Saipem</i>					
Session 8	CO2 Capture in Brownfields Units: Application in Refining and Power Industry <i>Jerome Bayle & Enrique Gomez Suarez, TotalEnergies</i>					
Session 9	Innovative CO₂ Capture Technique for Natural Gas Operations <i>Dr. Sebastian Duval, Aramco & Dr. Kaaeid Lokhandwala, MTR Inc</i>					

How would you rate the **Technical Content**?

		1	2	3	4	5
Thursday 5th June						
Session 1	CO2 Conditioning - Design Challenges <i>Dr. Myrian Schenk, Baker Hughes, and Dr. Tobias Eckardt, BASF</i>					
Session 2	Process Design Considerations In Defining The Refrigeration Techniques For CO2 Handling Facilities <i>Paolo Cari, Saipem</i>					
Session 3	Carbon Capture: An Integrated Solution <i>Leorelis Vasquez, Worley</i>					
Session 4	Selection of Compression System(s) for Green Hydrogen Facilities <i>Asif Ali, Bechtel</i>					
Session 5	Modelling Equilibria and Fluid Properties of Hydrogen Mixtures for a Sustainable Energy Economy <i>Dr. Behnam Salimi, KBC</i>					
Session 6	The Factors Effecting the Design of Hydrogen Plant Based on PEM and Alkaline Electrolysers <i>Dr. Andrew Till, Bechtel.</i>					
Friday 6th June						
Session 1	Resolution On Free Water Carryover in C3+ NGL Product at NGL Producing Facility <i>Ali M Abbas, Aramco</i>					
Session 2	Enhancing Acid Gas Separation with Durable PIM-1 Membranes in Hybrid Systems <i>Dr. Faiz Almansour, Aramco</i>					
Session 3	Iron Sulphide - Friend or Foe Revisited <i>Mike Sheilan, Amine Experts</i>					
Session 4	The Other Sulfides: Organic Sulfur Species in Amine Solvents <i>Megan Percy, SGS Sulphur Experts</i>					
Session 5	Solubility of Light Hydrocarbons in Amine Treating Solutions <i>Dr. Inna Kim, SINTEF</i>					
Session 6	DMX CO2 Capture in Dunkirk - Final Outcomes and Key Takeaways <i>Dr. Qiao Zhao, Axens</i>					
Session 7	Enhancing Post-Combustion CO2 Capture: Flue Gas Contaminant Management in Amine-Based Solvent Systems <i>Alessandro Mari, Saipem</i>					
Session 8	CO2 Capture in Brownfields Units: Application in Refining and Power Industry <i>Jerome Bayle & Enrique Gomez Suarez, TotalEnergies</i>					
Session 9	Innovative CO₂ Capture Technique for Natural Gas Operations <i>Dr. Sebastian Duval, Aramco & Dr. Kaaeid Lokhandwala, MTR Inc</i>					

Please hand in at end of session or email to: admin@gpaeurope.com

Future Events

Get Involved in 2026!

We are finalising plans and will communicate these soon.

Be part of our events, promoting a new energy future and the transition of our industry towards that future. We are looking for stories about the development of technology and best practices affecting Natural Gas processing. As well as a look at Hydrogen, Biogas, Ammonia, Carbon Capture and Storage, and LNG amongst others, to inspire the gas processing community.

Do you have a story to tell? All we need is a 100-200-word abstract. Send your abstract - Title, Author to admin@gpaeurope.com

It will be reviewed by our Technical Committee and, if accepted, we can help you to develop it into a technical paper and presentation.

Each year we present an award at our AGM for the best paper.

The **Best Paper Award** is selected by our conference attendees and is based on the feedback scores received.

The **Aungier Award** is for the best paper presented by one of our Young Professionals at our conferences. The winner is decided by our Technical Committee. Alongside the award, the winner will get £1,500.

Could this be you?