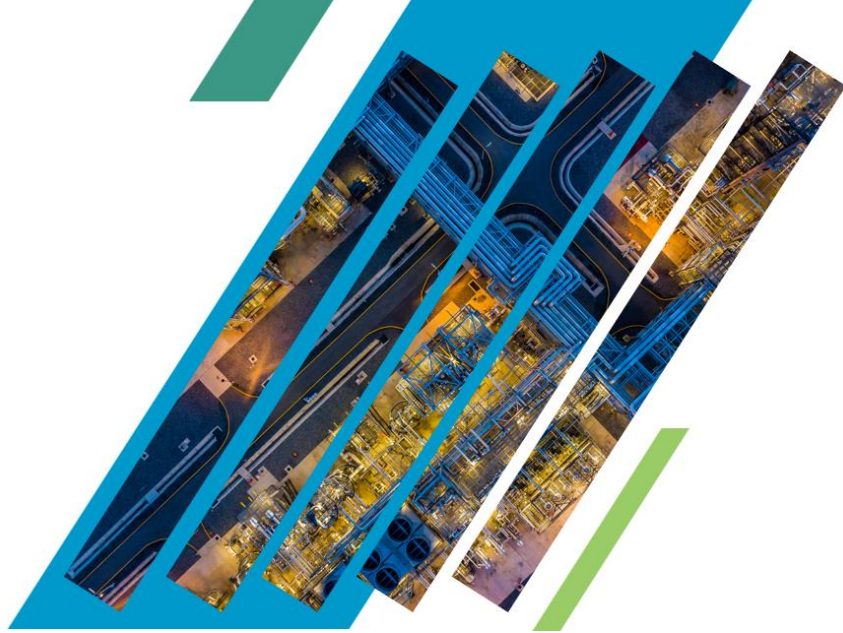


## GPAE ANNUAL CONFERENCE

TechnipEnergies, Paris

14 – 16 NOVEMBER 2022



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

### Agenda

#### Monday 14 November

12.00 - 013.00	Registration and Lunch
13.00 - 16.30	<b>Training Session</b> Axens, BASF, Worley
17.00 - 19.00	Welcome Drinks Reception

#### Tuesday 15 November

08.00 - 09.00	Welcome and Registration
09.00 – 12.15	<b>Morning Session</b> Session Chair: Sigbjørn Svenes
09.00 - 09.20	<b>Welcome Speech</b> Pascal Streit, TechnipEnergies
09.20 - 10.00	<b>Keynote Speech</b> Eric Duchesne, TotalEnergies

Questions?

[admin@gapeurope.com](mailto:admin@gapeurope.com)  
+44 (0) 1252 625 542

Stay up to date with us

[linkedin.com/company/gpa-europe-ltd](https://www.linkedin.com/company/gpa-europe-ltd)  
[twitter.com/GPAEurope](https://twitter.com/GPAEurope)

10.00 - 10.45

Break

10.45 - 11.15

**Digital Technologies to Accelerate Decarbonization of Gas Processing Facilities**

Bart de Groot, Siemens Process Systems Engineering Limited

11.15 - 11.45

**Which Treatment Scheme to Select for Biogas Valorization? Story of a Technical Conceptual Study and Upskilling from Natural Gas to Biogas Industry**

Celine Volpi, TotalEnergies

11.45 - 12.15

**Comparison of Process Options for Sustainable Ammonia Production**

Filip Čejka, Bryan Research & Engineering

12.15 - 13.15

Lunch

13.15 - 16.00

**Afternoon Session**

*Session Chair: David Knight*

13.15 - 13.45

**Non-Thermal Microwave Plasma Conversion of Methane to High Value Acetylene (and Hydrogen)**

Paul Hudson, Transform Materials

13.45 - 14.15

**A Physical Solvent Approach to Carbon Capture and its Applications for Blue Hydrogen**

Charlie Gould, Fluor

14.15 - 15.00

Break

15.00 - 15.30

**Clean Hydrogen Purification with Catalysts and Adsorbents**

François-Xavier Chiron, Axens

15.30 - 16.00

**Qualification of membranes for subsea CO<sub>2</sub> separation based on tests from lab scale to small-industrial scale**

Taek-Joong Kim, SINTEF Industry

16.00 - 18.00

Exhibitor Reception

18.00 - 20.00

Drinks Reception

## Wednesday 16 November

08.00 - 09.00	Welcome and Registration
09.00 - 11.00	Panel Discussion
11.00 - 11.45	Break
11.45 - 15:00	<p><b>Afternoon Session</b> <i>Session Chair: Gerald Vorberg</i></p>
11.45 - 12.15	<p><b>Degradation of Desiccants Beyond Hydrothermal Stability</b> John Jacobs, University of Calgary</p>
12.15 - 12.45	<p><b>Improvement of Process Efficiency for Natural Gas Applications by Fujifilm Apura™ Gas Separation Membranes</b> Davide Bocciardo, FUJIFILM</p>
12.45 - 13.45	Lunch
13.45 - 14.15	<p><b>Reducing Methane Emissions in the Energy Sector: A Team Effort</b> Angelo Lo Nigro, RINA</p>
14.15 - 14.45	<p><b>Minimizing the Energy Consumption of a Carbon Capture Unit Installed on a Steam Methane Reformer While Limiting its Impact on Overall Design</b> Clement Salais, Axens</p>
14.45 - 15.15	Break
15.15 - 16.15	Annual General Meeting

### Delegate List

First Name	Last Name	Company	Country
Nuradibah	Adnan	University of Manchester	United Kingdom
Mohammed	Alali	Saudi Aramco	Saudi Arabia
Carmella	Alfano	Axens	France
Al-Hasan	Al-Kebsi	Fives Cryo	France
Mohammed	AlKhamis	Saudi Aramco	Saudi Arabia
Abdullah	Alshaifan	Saudi Aramco	Saudi Arabia
Negar	Aram	SLB	United Arab Emirates
Manuela	Arratia	Axens	France
Gilles	Aubert	Fives Cryo	France
Jeronimo	Ayala	McDermott	United Kingdom
Mark	Baker	Petrofac	United Kingdom
Shahab	Baneh	TechnipEnergies	United Kingdom
Dimitrios	Bantanidis	AMINES & PLASTICIZERS LIMITED	India
Richard	Bazin	Kelvion Thermal Solutions SAS	France
Amine	BENGHALEM	ARKEMA	France
Ben	Black	TechnipEnergies	United Kingdom
Eric	Bleuset	Fives Cryo	France
Davide	Bocciardo	Fujifilm	The Netherlands
Alexandre	Bouet	Saudi Aramco	France
Gary	Bowerbank	Shell	The Netherlands
Erik	Brink	SDS Separation Technology B.V.	The Netherlands
Filip	Čejka	Bryan Research & Engineering	Czech Republic
Mathieu	Chevrier	Axens	France
François-Xavier	Chiron	Axens	France
Martin	Copp	PARKER HANNIFIN Corporation	United Kingdom
Ashley	Davey	Bechtel	United Kingdom

First Name	Last Name	Company	Country
Bart	de Groot	Siemens Process Systems Engineering	United Kingdom
Struan	Dow	SLB	United Kingdom
Stephane	Dubois Du Bellay	TotalEnergies	France
Eric	Duchesne	TotalEnergies	France
Sandy	Dunlop		United Kingdom
Vincent	Duverne	Axens	France
Phil	Emsley	Siemens Process Systems Engineering Limited	United Kingdom
Nick	Flinn	Shell Catalysts and Technologies	United Kingdom
Harry	Fortuin	SLB	The Netherlands
Dominique	Gadelle	TechnipEnergies	France
Adria	Garcia	OGS	United Kingdom
Anne	Gaucher	Kelvion Thermal Solutions SAS	France
Adriano	Gentilucci	Dow Chemical	Switzerland
Fiona	George	Comprimo (Worley)	United Kingdom
Karen	Gonzalez Tovar	TotalEnergies	France
Charlie	Gould	Fluor	United Kingdom
Sebastien	Grizard	William Blythe	United Kingdom
Helen	Hall	GPA Europe	United Kingdom
Katerina	Hejnova	Bryan Research & Engineering	Czech Republic
Guy	Hellinx	MySep Pte Ltd	Belgium
Paul	Hopkinson	Kelvion Thermal Solutions UK Ltd	United Kingdom
Paul	Hudson	Transform Materials	United Kingdom
John	Jacobs	The University of Calgary	Canada
Krista	Karjala	Vahterus	Finland
Eduard	Karslyan	BASF	Germany
Taek-Joong	Kim	SINTEF Industry	Norway
David	Knight	SLB	United Kingdom
Philip	le Grange	BASF	UAE
Armelle	Lecarpentier	Cedigaz	France
Charles-Elie	Lefaucheur	DESOTEC	Belgium

First Name	Last Name	Company	Country
Maria	Liouta	TechnipEnergies	The Netherlands
Angelo	Lo Nigro	RINA	
Piero	Loliva	Axens	France
Callum	Lytton	Bechtel	United Kingdom
Robert	Marriott	Alberta Sulphur Research Ltd.	Canada
Peter	Martin	Huntsman Corporation	The Netherlands
Clare	McMillan	TechnipEnergies	United Kingdom
Julien	Metayer	TechnipEnergies	France
Mac	Mirazee	Chart Industries	France
Phil	Moses	SLB	United Kingdom
Ahmed	Msahli	Shell	The Netherlands
Christophe	Nedez	Axens	France
Samanatha	Nicholson	Fluor	United Kingdom
Pavlos	Papadopoulos	PARKER HANNIFIN Corporation	Belgium
Martin	Pefeiffer	Axens	France
Gauthier	Perdu	TechnipEnergies	France
Camille	PERRIER	Arkema	France
Clément	Pillette	Eastman Chemical	The Netherlands
Bénédicte	POULAIN	TotalEnergies	France
Jérémy	Provost	TechnipEnergies	France
Dulika	RATHNAYAKE	Saudi Aramco	France
Yusmeli	Rengel	TechnipEnergies	France
Clément	Salais	Axens	France
Marco	Scala	TotalEnergies	France
Myrian	Schenk	TechnipEnergies	United Kingdom
Natallia	Shutsina	Sulzer ChemTech	The Netherlands
Aberame	Sriumapathy	SLB	United Kingdom
Andrew	Stone	TechnipEnergies	United Kingdom
Christian	Streicher	Axens	France
Pascal	Streit	TechnipEnergies	France
Sigbjorn	Svenes	Equinor ASA	Norway

First Name	Last Name	Company	Country
Sulaiman	Syed	BP	United Kingdom
Kaiyr	Tekebayev	Amine Experts	The Netherlands
Remi	Thielens	LE GAZ INTEGRAL	France
Taran	Toor	TechnipEnergies	United Kingdom
Albert	van Lawick van Pabst	SDS Separation Technology B.V.	Netherlands
Alex	Vandeput	Pall Filtration	Belgium
Joe	Vara	Rotor-Tech, Inc.	United States
Céline	Volpi	TotalEnergies	France
Gerald	Vorberg	BASF SE	Deutschland
Claire	Weiss	TotalEnergies	France

## Event Feedback

---

How would you rate the Presentation?

Low High

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

<b>Tuesday 15 November</b>						
Session 1	Digital Technologies to Accelerate Decarbonization of Gas Processing Facilities <i>Bart de Groot, Siemens Process Systems Engineering Limited</i>					
Session 2	Which Treatment Scheme to Select for Biogas Valorization? Story of a Technical Conceptual Study and Upskilling from Natural Gas to Biogas Industry <i>Celine Volpi, TotalEnergies</i>					
Session 3	Comparison of Process Options for Sustainable Ammonia Production <i>Filip Čejka, Bryan Research &amp; Engineering</i>					
Session 4	Non-Thermal Microwave Plasma Conversion of Methane to High Value Acetylene (and Hydrogen) <i>Paul Hudson, Transform Materials</i>					
Session 5	A Physical Solvent Approach to Carbon Capture and its Applications for Blue Hydrogen <i>Charlie Gould, Fluor</i>					
Session 6	Clean Hydrogen Purification with Catalysts and Adsorbents <i>François-Xavier Chiron, Axens</i>					
Session 7	Qualification of membranes for subsea CO2 separation based on tests from lab scale to small-industrial scale <i>Taek-Joong Kim, SINTEF Industry</i>					
<b>Wednesday 16 November</b>						
Session 1	Degradation of Desiccants Beyond Hydrothermal Stability <i>John Jacobs, University of Calgary</i>					
Session 2	Improvement of Process Efficiency for Natural Gas Applications by Fujifilm Apura™ Gas Separation Membranes <i>Davide Bocciardo, FUJIFILM</i>					
Session 3	Reducing Methane Emissions in the Energy Sector: A Team Effort <i>Angelo Lo Nigro, RINA</i>					
Session 4	Minimizing the Energy Consumption of a Carbon Capture Unit Installed on a Steam Methane Reformer While Limiting its Impact on Overall Design <i>Clement Salais, Axens</i>					



How would you rate the Technical Content?

		1	2	3	4	5
<b>Tuesday 15 November</b>						
Session 1	Digital Technologies to Accelerate Decarbonization of Gas Processing Facilities <i>Bart de Groot, Siemens Process Systems Engineering Limited</i>					
Session 2	Which Treatment Scheme to Select for Biogas Valorization? Story of a Technical Conceptual Study and Upskilling from Natural Gas to Biogas Industry <i>Celine Volpi, TotalEnergies</i>					
Session 3	Comparison of Process Options for Sustainable Ammonia Production <i>Filip Čejka, Bryan Research &amp; Engineering</i>					
Session 4	Non-Thermal Microwave Plasma Conversion of Methane to High Value Acetylene (and Hydrogen) <i>Paul Hudson, Transform Materials</i>					
Session 5	A Physical Solvent Approach to Carbon Capture and its Applications for Blue Hydrogen <i>Charlie Gould, Fluor</i>					
Session 6	Clean Hydrogen Purification with Catalysts and Adsorbents <i>François-Xavier Chiron, Axens</i>					
Session 7	Qualification of membranes for subsea CO2 separation based on tests from lab scale to small-industrial scale <i>Taek-Joong Kim, SINTEF Industry</i>					
<b>Wednesday 16 November</b>						
Session 1	Degradation of Desiccants Beyond Hydrothermal Stability <i>John Jacobs, University of Calgary</i>					
Session 2	Improvement of Process Efficiency for Natural Gas Applications by Fujifilm Apura™ Gas Separation Membranes <i>Davide Bocciardo, FUJIFILM</i>					
Session 3	Reducing Methane Emissions in the Energy Sector: A Team Effort <i>Angelo Lo Nigro, RINA</i>					
Session 4	Minimizing the Energy Consumption of a Carbon Capture Unit Installed on a Steam Methane Reformer While Limiting its Impact on Overall Design <i>Clement Salais, Axens</i>					

Please hand in at end of session or email to [admin@gpaeurope.com](mailto:admin@gpaeurope.com)

Your feedback is valuable to us. Thank you.

## Future Events

---

### Get Involved in 2023!

2023 will be our 40<sup>th</sup> Birthday and we will be celebrating at our Annual Conference at BASF SE in Germany and hope to see many of you there! We are finalising plans and will communicate these soon.

Be part of our conferences 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](mailto: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. For more information see our [Call for Papers](#) and [Submission Guidelines](#).

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 £1,000.

Could this be you?