

GPAE Annual Conference Is on the Horizon

BASF SE, Ludwigshafen, Germany
9 – 11 October 2023

3 days. Endless Ideas. Celebrating 40 Years for GPAE.
Registration is open!



Get Ready

A conference and networking event organised by GPA Europe and hosted by BASF SE, organised for the European Gas Processing Industry. Celebrating 40 years of GPAE!



One of the strengths of GPA Europe is the large number of people who have been active members of our organisation and the industry for many years – several of whom will be presenting.

Our conference kicks off on Monday 9 October with a Workshop in the morning and BASF Plant Tours in the afternoon. The Technical Conference starts on Tuesday 10 October.

We have dedicated sessions for our Young Professionals on Monday 9 October. [Find out more details here >>](#)

Why attend?

Our Annual Conference brings together business and technical leaders from a range of gas processing organisations.

- 1 **Learn** Immerse yourself in three days of technical talks and presentations
- 2 **Explore** Discover innovations from GPA Europe partners in one space
- 3 **Connect** Take time to network with other attendees
- 4 **Have Fun** The week wouldn't be complete without our Conference Dinner. Additional activities include our Welcome and Exhibitor Reception

What's On?

YP Training Day

We have a one-day Young Professional Training on Monday 9 October. It is Free.

Workshop

Three-hour Workshop on Gas Treatment to reduce emissions.

Keynote Address

Don't miss the Keynote address by Dr. Lars Kissau, President, Net Zero Accelerator.

Panel Discussion

Two-hours bringing participants fascinating debate and big picture outlooks from some of the big names in the gas processing industry.

BASF Plant Tours

A limited number of spaces are available on the BASF Plant Tour.

Technical Conference

Hear from selected speakers during the three-day programme.

Exhibition

We have limited, but high quality, exhibition space. Would you like to exhibit your wares?

Registration Passes

Don't delay, check out our registration packages and pricing.

Welcome Reception

Join us at BASF "Gesellschaftshaus" for drinks and canapés with your fellow delegates.

Conference Dinner

The Conference Dinner 'Celebrating 40 Years of GPAE!'.

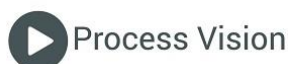
Companions Tour

Back for 2023!
We are happy to invite all companions of the GPA participants to a guided tour.

Hotel

We have a limited number of discounted rooms available at the Radisson Blu Mannheim Hotel.

Sponsors



Become a Sponsor

Agenda Overview

What's happening and where. Start perusing the agenda overview and begin to map out your GPAE experience.



All times are listed in Central European Time, the event's time zone.
Agenda items and times are subject to change.

Monday 9 October 2023

	Sessions	Meals & Networking	Venue
9am		Welcome Coffee Break	Hall 2 Lobby
10am	Workshop		Hall 2
11am			
12pm			
1pm		Workshop Lunch	Hall 1 Lobby
2pm	BASF Plant Tours		BASF Visitor Center
3pm			
4pm			
5pm			
6pm		Welcome Reception	BASF Gesellschaftshaus
7pm			

Tuesday 10 October 2023

	Sessions	Meals & Networking	Venue
8am		Welcome Coffee Break	Hall 1 Lobby
9am	Keynote Speech		Hall 1
10am	Technical Conference		
11am			
12pm		Lunch	Exhibition Area
1pm	Technical Conference		Hall 1
2pm			
3pm			
4pm		Exhibitor Reception	Exhibition Area
5pm			
6pm			
7pm		Conference Dinner	
8pm			
9pm			
10pm			
11pm			

Wednesday 11 October 2023

	Sessions	Meals & Networking	Venue
8am		Welcome Coffee Break	Hall 1 Lobby
9am	Panel Discussion		Hall 1
10am			
11am	Technical Conference		
12pm			
1pm		Lunch	Exhibition Area
2pm	Technical Conference		Hall 1
3pm			
4pm			

The Conference is due to finish at 3:30pm and we will be offering a Bus transfer direct to Mannheim Train Station.

Focused Programme

Learn more about the unique programming
GPAE Annual Conference has to offer.



Workshop

Workshop description

Gas Treatment to reduce emissions

In this three-hour workshop organised by BASF SE, MPR Services, Axens and Worley (Comprimo).

The workshop is to be booked in conjunction with one of our conference passes.

Potential participants

This is a technical session. The session is intended for people in technical or business development roles who are courageous and confident enough to participate and contribute.

The numbers will be capped at 40 participants.

The workshop assumes prior knowledge of gas plant process units and principals and is aimed at experienced industry professionals (5+ years in industry).

If you are interested then don't delay.

Workshop certificate

A Gas Processors Association Europe certificate will be issued to all attendees.

An Environmentally Responsible Approach to Amine Renewal and Hygiene in Sulfur and Carbon Capture Applications

Speaker: Sjaak Van Veelen, MPR Services

The need for amine renewal to remove unwanted contaminants many times depends on the gas treating application. Two different application cases are presented, with differences in both contaminants and incursion mechanisms. In a sour gas treating, amine refurbishment may be needed after a sudden incident of SO₂ breakthrough in the Tail Gas Unit (TGT) within a Sulfur plant. Or there is a gradual build up of Heat Stable Salts (HSS) such as sulfite, sulfate, thiosulfates, and amino

acid (Bicine). In comparison a Carbon Capture application is presented, the incursion of contaminants from treatment of flue gases, in this application is rapid and ongoing such that continuous amine renewal is needed, and a permanent on-site amine renewal unit needed to be installed.

Sales Gas Production from a Lean Natural Gas containing Mercaptans; Simplified Integrated Solution with Improved Economics

1100 MMSCFD Single Train AGRU Treats Lean Gas with BTX within an Integrated AGRU + Low BTX Enrichment Section + TGTU Absorber for a Middle East LNG Plant

Speakers: Piero Loliva and Carmella Alfano, Axens

Speaker: Gerald Vorberg and Tobias Eckardt, BASF

Carbon Capture Utilization and Storage (CCUS) is a rapidly growing approach to reduce CO₂ emissions globally. One major challenge with CCUS is the numerous sources of CO₂ with countless impurity profiles. The type and level of impurity can significantly impact the CO₂ treatment required, and therefore the cost of the CCUS project. Amine-base carbon capture process is the most commercially proven technology for separating CO₂ from the flue gas stream. Once separated, the CO₂ requires purification prior to transportation or utilization. Due to the impurities in CO₂ flue gas, degradation reactions can occur in the separation process that impact the downstream treatment. In order to achieve overall lower treatment costs, a robust package comprising specialty amines and unique catalysts and adsorbents for CO₂ purification are critical. In this workshop the BASF OASE and Adsorbents gas treatment team will highlight several of those aspects along the entire amine-based carbon capture process including the CO₂ purification steps at its tail-end.

Sulphur Recovery Technologies

Speakers: Fiona George, Adriaan Roux and Leorelis Vasquez, Comprimo

Gas treating is required for the removal of contaminants and separation of components from raw sour gas streams to meet the required specifications in the product streams. This is achieved through the combination of different process units, and an optimal design considers the integration of all units. Comprimo will initially provide an overview of options for sulphur recovery. Three case studies will then be presented. For each study there was a requirement to remove hydrogen sulphide, carbon dioxide and mercaptans from the sour gas and to produce sales gas, sulphur and carbon dioxide export streams. Key decisions included the selection of the locations for the removal of CO₂ and mercaptans and the most suitable technology to be used in the acid gas removal, acid gas enrichment and sulphur recovery units.

BASF Plant Tour



A limited number of spaces are available on the BASF Plant Tour starting at 2pm on Monday 9 October 2023.

The tour will take place in English.

The tours will finish at BASF "Gesellschaftshaus" for the Welcome Drinks Reception.

Spaces will be booked on a first come basis.

Keynote Address

Make sure you mark your calendar for the Opening Keynote – Dr. Lars Kissau, President, Net Zero Accelerator.



Panel Discussion



Two-hours bringing participants fascinating debate and big picture outlooks from some of the big names in the gas processing industry.

“Europe’s Energy Transition: How can hydrogen and decarbonisation activities become accelerators for the European Gas Processing Industry”

Technical Conference Sessions

We are delighted to present our 3-day programme to you. Please note this is a provisional programme and subject to change. Information is being added regularly so do come back!

Tuesday 10 October

Gas Processing

Recent Improvements and Cost Reduction in the CANSOLV CO₂ Capture Process

Speaker: Paul-Emmanuel Just, Shell Global Solutions

An extensive pilot plant test was performed to obtain operational data at higher regeneration pressure (4 bara instead of 2 bara) while using an enhanced amine blend of CANSOLV DC103. The key performance indicators (KPIs) monitored included regeneration energy, amine degradation rate and emissions. DC103 Alpha, in combination with high pressure regeneration (4.0 bara), achieved the largest reduction in reboiler duty compared to the base case (DC-103 at 2.0 bara) with up to 10% reduction in specific energy (GJ per ton of CO₂ captured). The amine degradation rate remained constant for both amine regeneration pressures. The combination of a small relative increase in temperature and the inherent resistance of DC103 amine structure against degradation may explain this stability at increased pressure. The emissions at stack were monitored and the 24 hours average amine emissions remained significantly below the emission target level of 0.2 ppmv, excluding few events of abnormal operating conditions, such as plant trip. It was established that the use of the enhanced DC 103 blends can still meet the amine emissions commitments.

The following items will be beneficially impacted by high regeneration pressure: reduced CO₂ compression power and number of CO₂ compression stages; reduced reboiler duty and steam consumption; reduced regenerator column diameter and height and reduced regenerator condenser area.

Improving Sulphur Recovery Unit flexibility and performance through Reaction Furnace Fuel Gas Co-firing and Oxygen Enrichment

Speaker: Alessandro Mari, Saipem, and Adriaan Roux, Comprimo

The objective is to go over the design approach to detail design three Sulphur Recovery Units (SRU) in Tanajib Gas Plant Project (Saudi Arabia) and achieve Saudi Aramco environmental goal of minimizing emissions (including acid gas flaring).

Due to the wide range of acid gas compositions, many design challenges appeared during detail design. The capacity of each SRU Train can be varied from 850 metric tons per day (MTPD) of produced sulphur, when the train operates with Fuel Gas co-firing, to 1,275 MTPD when operating with Oxygen Enrichment. Utilizing oxygen enrichment when one SRU train is taken out for maintenance, the capacity of the remaining two can be increased to 50% of the total feed flow each as, using Oxygen Enrichment, the inert nitrogen is being replaced by reactive acid gas.

Moreover, the application of combined co-firing and oxygen enrichment guarantees a remarkable operational flexibility both in terms of plant capacity and rangeability of Acid Gas composition.

Saipem, Saudi Aramco Project Management Team (SAPMT), Comprimo and the Burner supplier worked together to develop solutions to mitigate the risk associated to this operating mode.

RotaSep for Combined Liquid and Solid Separation from Gases without Replaceables or Shutdowns

Speaker: Piet Geerts, SDS Separation Technology

RotaSep is based on a next generation gas-liquid and gas-solid separation technology using a rotating internal and centrifugal forces to separate 1 micrometer fine particles from gases in order to protect sensitive equipment like compressors. The unique performance of RotaSep in bulk gas flows results in relatively very compact separation packages that proves increasing distinct performance and advantages at increased operating pressure.

After 99.5% certified 1µm particle separation was shown in a demo unit earlier this year RotaSep showed a step-change in separation performance in removing liquids and fine solids from a natural gas stream on a North Sea offshore platform. Filter cartridges, multi-stage cyclone internals were not able to deliver this performance without frequent shutdown and maintenance. RotaSep has now resolved these issues and was the only technology to fit in the available space. With these results for RotaSep the applied platform technology offers large potential to service many processes in the existing and renewable gas processing facilities.

Horizontal Separation Membranes for CO₂ Capture—First in Southeast Asia

Speaker: Srinivas Vadlamani, SLB

This abstract showcases the use of horizontal CO₂ separation membranes for one of the world's largest offshore carbon capture and sequestration (CCS) projects and the first such venture in Southeast Asia. The Phase 2 project objective is to recover hydrocarbons from CO₂-rich natural gas permeating from the Phase 1 facilities, eliminating 3.3 metric tons of CO₂e emissions per year. Horizontal CO₂ separation membranes were selected as the most economical solution for this application. The membrane technology offers numerous advantages over other acid gas removal technologies, especially for natural gas streams with high concentrations of CO₂. Key advantages

include the membrane's compact and modular design, no need for solvent or pumps, long operating life, high energy efficiency, no foaming or other operational issues, and low capex and opex, leading to the lowest overall life-cycle costs. Additionally, a digital solution has been integrated for continuous performance monitoring, which enables operational tuning and proactive membrane replacement over the life of the project.

LNG

First Installation of Durasorb LNG MAX to Address Coldbox Freezing and Increase LNG Production

Speaker: Tobias Eckart, BASF Process Catalysts Group

Coldbox freezing by heavy hydrocarbons (HHCs) causing reduced LNG throughput is a known problem in the industry. This challenge is particularly acute in the US, where LNG facilities are fed by lean pipeline gas, but also a concern in other parts of the world where plants are faced with changing feedgas compositions. To address this problem, and restore maximum throughput to LNG facilities, BASF has proposed an adsorbent solution for the removal of HHCs from lean gas.

BASF, working with Kinder Morgan at the Elba Island LNG facility, has implemented Durasorb technology, which eliminated deriming events, decreased operational complexity, and increased LNG production. In Summer of 2022, molecular sieves were removed from the dehydration unit and replaced with Durasorb products. After change out of adsorbent materials and minor modifications to cycle times, the two trains running Durasorb are removing water to LNG specifications and heavy hydrocarbons (C8+, BTX) to levels that do not cause freezing. The removal of HHCs in the adsorption section has resulted in steady pressure drop (dp) readings in the cold section, eliminating the need for deriming events, and increasing LNG production throughput. This simple drop-in solution did not require CapEx.

Liquid Hydrogen-NH₃ and LNG Storage Comparison

Speaker: Nikos Xynopoulos, Linde Hellas

Authors: Nikos Diamantakis, Heriot-Watt University; Vassilis Kyriakou, University of Groningen, and Aleksandar Mirkovic, University of Belgrade

In this study, a comparative techno-economic analysis of short-term storage and transportation options between LH₂, LNG, and NH₃ is conducted/presented. The physicochemical properties, potential hazards, current production maturity level, and current transportation-storage options for the three energy carriers, are overviewed. More specifically, the main storage tank types for LH₂, LNG, and NH₃ are reviewed focusing on liquid stratification issues, boil-off phenomena, material compatibility, the role of He/N₂, design considerations, pressure relief systems, and energy requirements. A simple recirculation/leakage simulation is conducted using ASPEN HYSYS for each storage tank option in order to highlight the similarities among them, as well as the challenges of each particular case. Their onshore and offshore storage feasibility status and future perspectives are finally discussed on the basis of these associated challenges, including potential ways to overcome them.

A message from our Sponsors:

Aramco Leadership in Environmental Excellence and Energy Management

Speaker: Fahad Al-Dossary, Saudi Aramco

This speech will talk about Aramco's Leadership in environmental excellence and energy management. As one of the world's largest integrated energy and chemicals companies, Aramco plays an active role in building a lower carbon economy, while delivering the energy and materials needed to support economic growth and societal well-being, globally. Aramco supports the objectives set by the Paris Agreement, which aims to strengthen the global response to climate change. Aramco is a founding member of the Oil and Gas Climate Initiative (OGCI), and is working to shape the global pathway to a low carbon future. Aramco recognizes the need to maintain its position as a leader in upstream carbon intensity – with one of the lowest carbon footprints per unit of hydrocarbons produced – and to decarbonize its own operations. In October 2021, the company announced its ambition to achieve net-zero greenhouse gas emissions across its wholly-owned operated assets by 2050. This complements the Kingdom of Saudi Arabia's aim to reach net-zero emissions by 2060, announced as part of the Saudi Green Initiative.

Wednesday 11 October

Hydrogen

Implementation of Rigorous Modelling and Optimization Tools for Sustainable Production of Green Ammonia

Speaker: Laura Fiorillo, Siemens Process Systems Engineering Limited

Only 40% of global CO₂ emissions originate from power generation which can be decarbonized via renewable power, whereas the other 60% of CO₂ emissions originate from industry, transportation, buildings, and others. Green hydrogen is a versatile energy carrier that can be applied to decarbonization, either used directly or in the form of its derivatives like methanol, ammonia, or e-fuels to replace traditional energy sources that are believed to be the cause of climate change. This work aims to focus on the challenges, opportunities, and future potentials with ammonia as a carbon-free chemical, by introducing and implementing cutting-edge simulation tools that allow for the exploration of wider aspects of the green ammonia process such as yield, energy consumption sustainability, to overcome barriers related to production, storage and usage. The use of advanced modelling can comprehensively explore the domain of various factors over KPI's to assess the impact of different storage unit sizes, different energy management strategies to cope with fluctuations associated to wind energy and load on ammonia reactor to maintain stability within the system. This is done to optimize the process and reduce both energy consumption and gas emissions.

Hybrid Water-Splitting Technology as a Novel Approach to Efficiently Produce Green Hydrogen

Speakers: *Nicholas Amotta^{a,b} and Dr Hasan Ozcan*

Nicholas Amotta^{a,b}, Dan Somers^b, Samantha Nicholson^a, Bahman Amini Horric

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As a non-toxic, renewable, transportable, and emission-free energy carrier, hydrogen is becoming a popular alternative fuel in the energy sector. We have recently developed a hybrid water-splitting technology based on the chemical looping principle by combining "hydrothermal" and "electrochemical" processes capable of delivering green hydrogen at high efficiency. At the heart of the patented process, a hydrothermal reactor, functioning as the oxidation unit, operates side-by-side with a modified alkaline electrolyser as the reduction unit to deploy a complete red-ox loop for water splitting. The hydrothermal reactor facilitates the reaction between water and an active metallic reagent in an alkali solution at 150 – 400 °C to directly produce hydrogen (1 – 200 bar). The thermodynamically favoured reaction between water and the active metal generates excess heat, which can be recovered as superheated steam and potentially converted to electricity to balance the renewable input. The modified-alkaline electrolyser operating at 15 – 85 °C reactivates the spent metal oxide composite (reduction step) and simultaneously produces hydrogen at the cathode surface. Such a dual hydrogen harvesting approach, plus the heat recovery system, leads to a much higher energy efficiency (~90%, measured with Surrey's prototype lab-scale system) compared to the state-of-the-art water electrolysis technologies like PEM and alkaline electrolysers (~60 – 70%). The process can be deployed as a containerised modular unit integrated with various forms of renewable (solar, wind, hydroelectric, etc.) for large-scale onshore, offshore, or remote applications.

CCUS

Greening up the Fossil Fuels: CO₂ Capture

Speaker: Dr. Eduard Karslyan, BASF SE

As the biggest driver behind the climate crisis, replacement of fossil fuels by renewable, clean energy sources is targeted as the ultimate goal.

Yet, a full transition cannot take place overnight. CO₂ capture from combustion and chemical processes helps minimize the emissions of fossil fuels production & consumption industries in a pragmatic way that can be implemented today.

Since 1913, when BASF started first large scale CO₂ capture at 1st Haber-Bosch ammonia plant in Oppau, we have been delivering OASE® technologies for carbon capture technologies for pre-combustion and post-combustion CO₂ capture of fossil fuels and their derivatives.

Whether we talk about natural gas or LNG, syngas at ammonia and blue H₂ plants, or flue gases from various industries (coal, gas, "hard-to-abate") — every industry has been bringing us certain challenges, unconventional tasks and needs, but also interesting and valuable experience to be shared.

We will also overview the steps of continuous improvement in the areas of energy efficiency, environmental impact and total investment costs, which ensure that such applications remain attractive in the future.

The Electrochemical Reduction of CO₂ to Useful Products: A Review

Speaker: Mansoor Al-Shamari, University of Bradford

*Authors: Mansoor Al-Shamaria,^{b,c}, Ahmed Khodaryc, Dong Suk Hanb, Iqbal M Mujtabaa, and Nejat Rahmaniana,**

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c Qatar Shell Research Technology Center (QSRTC), Qatar

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The conversion of CO₂ gas emission into value-added products such as organic acid (e.g. formic acid (HCOOH), oxalic acid (HOOC–COOH)), alcoholic products (e.g. methanol (CH₃OH), ethanol (C₂H₅OH)), hydrocarbon products (e.g. methane (CH₄), ethane (C₂H₆)), and mineralization with carbonate and bicarbonate, is a promising technology for mitigating the negative impacts of carbon dioxide and other gas emissions from industrial activities and other anthropogenic pollution. The electrochemical reduction (ECR) process is commonly used to convert CO₂ into valuable products, and this process's efficiency is dependent on various factors, such as electrocatalysts nanomaterials, electrode geometry, and electrolyte solution. Despite significant advancements in CO₂ ECR, several challenges hinder its efficiency, including the high cost of electrocatalyst materials, selectivity toward target products, the effective surface area of electrodes, and reactor dimensions. This article aims to summarize the chemistry of transition metals used for coating the cathodic electrode in CO₂ ECR, the effects of various operating conditions on CO₂ conversion to products and the mechanisms of reaction for some intermediate and final products will be explained.

Operations

See What's Happening in Your Pipeline: The Future of Gas Plant Management

Speaker: Paul Stockwell, Process Vision

The paper explores both the financial and the safety issues of allowing liquids into gas transmission networks that lead to \$ms of lost revenue and pose serious safety threats.

The two fiscal measurements of flow and calorific value are compromised when liquids are present in dry gas streams. Monitoring gas flows with a new camera system is showing that many gas supplies, thought to be dry, actually contain liquids in mist flows and stratified flows. This paper shares videos of real-world installations and tests showing that many gas processors are giving away BTUs in the form of NGLs without knowing it.

With the ability to look directly into high-pressure gas pipelines, this paper describes how this new technology is discovering that phase separation and NGL recovery systems are not necessarily performing to specification. Traditional analysis systems conforming to API standards to monitor water and hydrocarbon dewpoints can lead the industry to be unaware when fault conditions exist, allowing liquids to pass through custody transfer points without tripping alarms.

Using image processing and machine learning to categorize the severity of contamination is turning interesting videos into data that is being used as a new metric for process control.

How Enhanced Reality Technology Increases Operator Competency and Reduces Human Error

Speaker: Susanna Voges, Voovio Technologies S.L.

Authors: Susanna Voges and Jaime Aguilera, Voovio Technologies S.L.

The baby boomer generation continues to retire and turnover in the process industry (the great resignation) is impacting many manufacturing sites with severe 'brain drain' at all levels, especially operators. The industry is searching for ways to make onboarding of new hires and plant specific qualification more efficient and effective. Traditional methods, like classroom training and shadowing experienced colleagues and SMEs for an extended period of time, are important but no longer sufficient.

Moreover, these traditional ways to pass on procedural knowledge tend to be highly dependent on the individual (people), which hinders standardization. Over time, shifts develop different ways of doing things, departing from the original procedure or taking shortcuts. In many instances, this leads to practice in the field not reflecting the written procedure. Our industry has a clear need for more transparency and a higher level of control over the practical procedural knowledge of the workforce (tribal knowledge), as well as a way to check and measure the level of operator knowledge and procedural compliance.

In addition to the shortcomings of traditional training, a common cause for practice in the field not reflecting the written procedures is that the 'procedure clarity' is often suboptimal due to the ambiguities or general statements in the procedure steps.

These challenges and shortcomings directly impact operational productivity due to long onboarding times and unplanned equipment downtime as a result of operating errors. They also directly impact plants' safety performance, especially where actions cannot be automated and secured by safety instrumented systems. The flawless interaction of operators with the asset is an important layer of plant safety.

Enhanced Reality (ER) technology has been proven to solve the challenges described above. It allows simulating standard operating procedures in a photorealistic 3D environment (digital replica) for users to review, practice and test on standard operating procedures on-demand and on any device. Manufacturing organizations can capture their practical procedural expertise (Tribal Knowledge) and are able to measure and track procedure competency across their operators. This methodology has been labelled Digital Twin of the Person (DToP) by Gartner (1), referring to the human-centric approach of this technique.

Our presentation will include case studies from some of the process industries biggest companies that demonstrate the impact of improved procedure clarity and more consistent execution, which reduces unplanned events and speeds up operator onboarding while capturing more 'tribal knowledge'.

Activities

GPAE Annual Conference will offer a variety of ways to meet with your peers. From sponsored get-togethers to meetups and hallway conversations, we will provide the spaces, places and fun to engage and connect.



Official Events

Monday 9 October

Welcome Reception



Join us at BASF "Gesellschaftshaus" for drinks and canapés with your fellow delegates.

For those joining us for the BASF Plant Tours, you will be dropped off at the venue after the tour.

Tuesday 10 October

Exhibitor Reception

Join us in the exhibition area, within the Conference foyer to speak with our exhibitors and network with your fellow delegates.



Companions Tour

We are happy to invite all companions of the GPA participants to a guided tour into the beautiful wine area of the Palatinate.



We will start in the morning from the Radisson Blu hotel with a sightseeing tour through the old town of Speyer. An English speaking guide will give us some insights to the history of the over 2000 years old city, which is located on the Rhine river. A small break and a free visit of the gorgeous cathedral are included as well.

Later, a bus will bring us to St. Martin a tiny and typical village in between the vineyards. There, we are going to enjoy a private Wine tasting (English speaking) and snacks. Before we return back to the hotel, the companions will have some spare time to enjoy this palatinate flair.

Conference Dinner

The Conference Dinner 'Celebrating 40 Years of GPAE!' on Tuesday 10 October set in the beautiful Rhine-Neckar region.



Sponsors & Exhibitors

Interested in Sponsoring? Join a select group of sponsors and engage with attendees



Gold Sponsors



Break Sponsor



Exhibitors



Our conference provides a direct marketing channel to commercial and technical leaders from the whole gas processing value chain. You can meet and engage with around 100+ member companies, all in one place.

The benefits of sponsoring

1 Networking

Make valuable connections as you interact with GPA Europe loyalists and key industry leaders

2 Branding

Improve your exposure and visibility as you position your organisation as an essential GPA Europe partner

3 Advertising opportunities

Purchase from a range of advertising options in print and digital

[Discover our Sponsor and Exhibition Packages >>](#)

Accommodation

Take advantage of our discounted rooms at the Radisson Blu Hotel.



Radisson Blu Hotel, Q7, 27, Mannheim, 68161, Germany

GPA Europe have secured a limited number of discounted rooms at the Radisson Blu Hotel, Mannheim.

This stylish hotel offers spacious designer rooms. Start your day in their modern gym with a morning power workout or relax after a long day by spending some time in our spa area with a Finnish sauna, bio sauna, and relaxation room. In the evening, excellent drink and snack options are offered in our ROOF Bar.

We have transport arranged from the hotel to BASF SE at the start and end of each day.

We can request additional nights at the hotel on your behalf, these are not guaranteed until confirmed by the hotel. We have a limited number of rooms available in our room block on Sunday 8 October and Wednesday 11 October at the conference room rate of:

- Single Occupancy: £165 / €189
- Double Occupancy: £182 / €209

Please note that the room rate we have secured for the conference dates cannot be guaranteed for any additional nights booked outside of these dates due to limited availability at the hotel.



Getting there

Plan ahead of your time with us in Germany.



From Frankfurt Airport

By train

From the airport, take the train ICE 611 towards München Hbf, travel for 30 minutes and exit at Mannheim Hauptbahnhof.

By taxi

Take the fastest route via A5 and A67 and arrive in approximately 47 minutes.

By Car

Radisson Blu Hotel

Address: Q7, 27, Mannheim, 68161, Germany

BASF SE

Address: BASF Tor 2, Building D105 (Gate 2)

Parking

Radisson Blu Hotel

The hotel is located in the heart of the city, in the midst of the Mannheimer Quadrate. You can reach the hotel easily from motorways A67, A5 and A6. Please be aware that vehicles in the Mannheim city center need a green emissions sticker (pollutant-group 4). There is a parking area with space for over 1,400 cars and two electric car charging stations for our guests. You can find direct access to the hotel on parking level P3 and the parking fee for 24 hours is EUR 15.

BASF SE

There is limited parking available, please let us know if you need to book a parking space. We have transport arranged from the Radisson Blu Hotel to BASF at the start and end of each day.

Registration Is Open

Be sure to take advantage of early-bird pricing before it ends 31 July.



Conference Only Pass

£1,200 / €1,420

Get the full GPAE experience with:

- 3 days of sessions, including the general session, keynote speech, panel discussion and more
- Admittance to evening events: Welcome Reception and 40th Celebratory Dinner
- Attendee meals
- Workshop
- BASF Plant Tour
- Exhibition

Single Conference Passes

Single Conference passes aimed at an individual attending without their partner/spouse.

	GPAE Member	Non-Member
Conference Only Pass (single)	£1,100 / €1,300	£1,200 / €1,420
Two-night Conference Pass (single)	£1,450 / €1,700	£1,550 / €1,820
Three-night Conference Pass (single)	£1,600 / €1,850	£1,700 / €1,970

Double Conference Passes

Double Conference passes aimed at an individual attending with their partner/spouse. This pass entitles your partner/spouse to attend the Welcome Reception, Celebratory Conference Dinner and the Companions Tour.

	GPAE Member	Non-Member
Conference Only Pass (double)	£1,400 / €1,650	£1,500 / €1,770
Two-night Conference Pass (double)	£1,750 / €2,050	£1,850 / €2,170
Three-night Conference Pass (double)	£1,900 / €2,200	£2,000 / €2,320

Discounts Available

Member Discount

GPA Europe Members will receive a discount of **£100 / €120** off each Conference Pass price.

Young Professional Discount

GPA Europe is offering Graduate Engineers the opportunity to attend the Technical Conferences at a discount of **£400 / €460** on the fees paid by an accompanying senior engineer. The graduate engineer should not have attended a residential GPA Europe Conferences previously and have less than five years' experience. Contact admin@gpaeurope.com for a discount code.

Frequently Asked Questions

Find the answers to top GPAE Annual Conference 2023 questions.



General

When and where will GPAE Annual Conference 2023 in Germany take place?

GPAE Annual Conference will take place at BASF SE, Ludwigshafen, Germany, 9 – 11 October 2023.

What is the address of BASF SE?

BASF Tor 2, Building D105 (Gate 2)
Carl-Bosch-Straße
67056 Ludwigshafen
Germany

What is the common language spoken at the conference?

The official language of the conference is English, and all general sessions will be presented in English.

What is the recommended conference attire?

Casual to business dress is appropriate.

Is there an email contact for questions?

Yes, you can send general questions to admin@gpaeurope.com

Registration

What are the registration fees for the event?

You can view our pricing on our [pricing page >>](#)

What payments do you accept for registration?

When registering, you may pay by credit card, PayPal or bank transfer.

Are there any discounts?

Yes, we offer discounts for GPA Europe members and Young Professionals.

What is included in the registration fee?

Your registration fee for a full conference pass entitles you to the following:

- Workshop (if selected)
- BASF Plant Tour (if selected)
- Welcome Reception
- General sessions, including the Keynote Address and Panel Discussion
- Exhibition
- Conference Dinner
- Lunch and refreshments
- Accommodation (if selected)

Is there a deadline for registration?

No, there's no deadline. You can register online through to the first day of the conference. However, there are discounts for early registration.

Event Access

Will I need a badge to get in?

Yes, a conference badge is required for entry into the conference and should be worn at all times. You'll be able to pick up your badge at the registration desk during open throughout the duration of the conference.

The registration desk will be located in the reception of the BASF Tor 2, Building D105 (Gate 2). The registration desk will be open from 08:00hrs on the morning of the conference.

Do I need a visa to attend the conference?

There are a few countries that require a visa for entry. We recommend checking in advance with your country's local consulate for details and requirements.

How do I obtain a visa invitation letter?

In order to request a visa letter from GPA Europe, please be prepared to provide the following information:

- Full name on passport
- Date and place of birth
- Gender
- Nationality
- Passport number, place and date of issue, and date of expiration
- Are you a government official?

Visa invitation letters will be submitted for approval for attendees who have requested a letter and have completed registration data for a full conference pass, including payment. Please note, we can only issue visa letters for fully paid attendees and you will need to allow two to three weeks for your embassy to process your request.

Hotel

Does GPA Europe offer hotel accommodation?

Yes, GPA Europe have a number of discounted rooms booked at the Radisson Blu Hotel, Mannheim. In order to access this discount, you will need to book through us.

See the [Hotel page for more information on the hotel >>](#)

Do I need to contact the hotel to book my reservation?

No, when you register with us, you will have an opportunity to request your hotel and your check-in and check-out dates. A hotel reservation will be made for you.

Can I extend my stay?

Yes, we can check the availability with the hotel to ensure the discounted room rate.

Please note, additional room nights are not guaranteed and will be booked as and when requested.

How close is the hotel to BASF?

Due to traffic in Mannheim we do not recommend making your own way to BASF. We have transport arranged from the Radisson Blu Hotel to BASF at the start and end of each day. This is available to all delegates, even if you are not staying at the Radisson Blu Hotel.

Sessions and Speakers

Can I preregister for sessions?

There is no need to preregister for sessions, all sessions are open to all attendees. The only exception is in the Workshop which is limited to 40 spaces, we advise preregistering at your earliest convenience.

Can I get copies of the material presented at the conference?

Yes, the papers will be provided to all delegates.

[Click here to view sessions for past GPA Europe conferences >>](#)

Sponsorship

I would like to learn more about 2023 sponsorship opportunities. Who can I contact?

Please email admin@gpaeurope.com to contact the sponsorship team.