

# ACHEMA2027

World Forum and Leading Show for  
Life Science and Process Industries



**UNLEASH INNOVATION.  
ACCELERATE FUTURE.**

14 – 18 June 2027  
Frankfurt am Main, Germany

[www.achema.de](http://www.achema.de)



# Where the Life Science and Process Industries meet, the future is created

Every three years, Frankfurt becomes the global hub for the life science and process industries. Across more than 200,000 m<sup>2</sup> of exhibition space, you'll experience the world's most comprehensive showcase of technologies, services and applications—real-world orientated, international and connected.ACHEMA brings together what is only possible here on this scale: hands-on innovation, peer-to-peer professional exchange and global networking.

## Innovations for tomorrow's challenges

As key drivers of innovation, the life science and process industries face a turning point: geopolitical tensions, fragile supply chains, cost pressure and regulatory shifts meet new opportunities through decarbonisation, digitalisation, AI and new value-creation models.ACHEMA 2027 presents technologies shaping this transformation—from modular plant concepts and fully digitalised process chains to data-driven production and AI-powered automation, as well as advanced materials and bioprocesses and cutting-edge solutions for industrial transformation. Exhibition and congress connect breakthrough innovations with scalable applications, enabling clarity, partnerships and confident investment decisions.

## A global community driving impact

With attendees from over 140 countries,ACHEMA unites the brightest minds and most influential players in the industry. Chemists, engineers, process specialists, biotechnologists and energy and environmental experts meet senior decision-makers, founders and rising talent in a place where ideas converge and the industry's future is shaped.

## The heartbeat of the industry—for over 100 years












Since 1920,ACHEMA has stood for progress, exchange and global influence. Based in Frankfurt for 90 years, it remains a key platform and catalyst for innovation. Over five days, a dynamic unfolds that drives ideas forward and turns vision into reality—true to our motto:

**UNLEASH INNOVATION. ACCELERATE FUTURE.**

## Everything in one place



## Exhibition Groups

- |                                                                                                                        |                                                                                                                                                      |                                                                                                                                                       |                                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
|  Engineering and Energy<br>5.1, 6.1 |  Laboratory and Analytical Techniques<br>12.0                     |  Instrumentation, Control and Automation Techniques<br>11.0, 11.1  |  Industrial and Labour Safety<br>5.1 |
|  Digital Hub<br>11.0                |  Literature, Information, Learning and Teaching Aids<br>4.1 Foyer |  Pharmaceutical, Packaging and Storage Techniques<br>3.0, 3.1, 4.1 |  Thermal Processes<br>4.0, 6.1       |
|  Research and Innovation<br>11.0    |  Mechanical Processes<br>5.0, 6.0                                 |  Pumps, Valves and Materials<br>8.0, 9.0                           |                                                                                                                           |

# What to expect at ACHEMA 2027

Innovations and trends that will accelerate progress in the life science and process industries.

## Energy as a key to success

The process industry faces the challenge of rethinking its energy supply. The exhibition group Engineering and Energy, in halls 5.1, 6.1, together with the Energy Innovation Stage, will serve as key hubs for topics such as hydrogen and Power-to-X, CCUS, energy management, efficiency and storage, as well as the electrification of processes.

## Spotlight on the pharma and life science industries

The strong presence of the pharmaceutical, biotech and life science industries will be reflected even more clearly in ACHEMA's profile in the future. As a result, from now on ACHEMA will position itself as the World Forum and Leading Show for Life Science and Process Industries. ACHEMA 2027 will specifically address this development through the innovation themes #pharma and #lab, as well as the Action Area Digital Lab.

## Digital. Sustainable. Visionary.

AI-driven solutions and green innovations are shaping the future of the industry. The Green Innovation Stage in hall 6.0, as well as the Digital Innovation Stage and the Digital Hub in Hall 11.0, provide key platforms for this.

## More space for innovation from the process industry

The exhibition group Pumps, Valves and Materials brings together two related segments, and with halls 8.0 and 9.0—the location of the Process Innovation Stage—a central stage for industrial solutions in fluid and materials technology is offered. The exhibition group Research and Innovation, together with the Start-up Area, will move to hall 11.0 in the future,



bringing them even closer to the digital topics at ACHEMA—a request that came primarily from younger exhibitors.

## Future makers wanted!

For the fifth time, founders and young start-ups can apply for the ACHEMA Start-up Award. DEHEMA, Business Angels FrankfurtRheinMain and High-Tech Gründerfonds are looking for pioneers to support on their path to innovation in chemistry, pharmaceuticals, process engineering and biotechnology. Ten finalists will have the chance to present themselves to an international expert audience at the ACHEMA 2027 Start-up Award booth and in a dedicated session, with the goal of finding cooperation partners. One winner (or team) will receive the ACHEMA Start-up Award, worth €15,000.



Further information at  
[www.achema.de/start-up-award](http://www.achema.de/start-up-award)



# From research to application

TheACHEMA Congress is the meeting place for researchers, developers, expert users and visionaries. Together they discuss the latest technical developments and solutions for the current and future challenges of the life science and process industries.

## Become a speaker atACHEMA

As an essential part ofACHEMA, the congress is fully integrated into the exhibition programme. All speaker sessions take place either on stages right in the exhibition halls or in the immediate vicinity of the exhibition groups. This proven concept ensures maximum visibility: over 30,000 participants attended theACHEMA Congress 2024. This means maximum reach through thematic proximity and short walking distances to the exhibition for you and your topics.

In five highlight sessions, thought leaders, users and technology providers will discuss where we are today and what the life science and process industries can expect in the future. Together with the exhibition,ACHEMA thus offers a 360-degree perspec-

tive on all trends and technologies in the process industries. Become a part of it with your presentation.

## Your contribution to theACHEMA Congress

You can find all the information on the congress topics at [www.achema.de/congress](http://www.achema.de/congress) and can register your contribution directly. Presentations are in English and the **deadline for registration is 4 October 2026**.

## Your contact

You can reach our congress office colleagues at [lecture@dechema.de](mailto:lecture@dechema.de)

## Call for Papers

You can submit presentations on the following topics:

### Process Innovation

- » Modular production
- » Plant design & maintenance
- » Materials & material processing
- » Process engineering
- » Bioprocess engineering
- » Food processing & technology
- » Process innovation in Life Sciences
- » Innovative mixing & separation solutions
- » Fluid handling
- » Safety & security

### Pharma Innovation

- » Bioprocessing & next-generation therapeutics
- » Single-use technologies for bio-based applications
- » Sustainability & green pharma
- » Process equipment innovation & emerging technologies
- » Automation & robotics in pharma production
- » Modular systems & flexible pharma production
- » Pharmaceutical packaging technology & integrated final processing
- » Pharma supply chain & logistics

### Lab Innovation

- » Automation & robotics
- » AI, machine & deep learning
- » Autonomous & self-driven lab
- » The lab as platform for Life Sciences
- » New developments in imaging and sensing
- » Linking the lab with production – connectivity & collaboration
- » Sustainable labs
- » Integrated lab project development for new working worlds—from vision to operation

### Energy Innovation

- » Hydrogen production incl. innovative & alternative routes
- » Power-to-X processes incl. sustainable aviation fuels & eFuels
- » Carbon capture & utilisation/storage
- » Energy efficiency
- » Alternative energy input
- » Electrification of processes
- » Energy storage & integration
- » Industrial heat innovation

### Green Innovation

- » Climate-neutral production
- » Circular economy of carbon materials
- » Conversion technologies for alternative feedstocks
- » Circular economy of inorganic raw materials
- » Advanced materials for sustainability
- » Industrial biotechnology
- » Industrial water management
- » Water for transformation

### Digital Innovation

- » AI for the process industry
- » AI & machine learning in Life Sciences
- » Hyperautomation & autonomous systems in industrial production
- » Connected production
- » Industrial cyber security
- » Data-driven innovation

# Unleashing innovation

ACHEMA's innovation themes focus on key challenges that move the life science and process industries—now and in the years to come. Six stages—the Innovation Stages—provide a space for keynote speakers, discussions and case study presentations by industry experts and solution providers—right at the heart of the exhibition.

## #process innovation

### Shaping the future

Process innovation has always been at the heart of ACHEMA—and is more relevant than ever. Innovations in chemical, pharmaceutical or biotechnological processes are providing new answers to today's challenges. At the same time, it is becoming increasingly vital to optimise the operation of existing plants and keep them competitive.

 **Process Innovation Stage in hall 9.0**

## #pharma innovation

### Growth and innovation

The pharmaceutical industry is undergoing major change, making pharma technology the fastest-growing area at ACHEMA. As new research and production methods are developed and new sites established worldwide, existing processes must also meet ever higher requirements and standards.

 **Pharma Innovation Stage in hall 4.1**

## #lab innovation

### Where value creation begins

The laboratory is the birthplace of innovations that change the world, and the traditional guarantor of product quality. More than ever, success in the lab depends on the technologies used there and at its interfaces with engineering, production and quality.

 **Lab Innovation Stage in hall 12.0**

## #digital innovation

### Artificial intelligence meets value creation

The implementation of digital innovations such as AI, machine learning or Industry 4.0 technologies is becoming increasingly important for staying competitive. IT vs OT, connectivity vs security, or 'smart' vs 'smart enough'—the challenge for companies is to identify exactly the right solution for their business.

 **Digital Innovation Stage in hall 11.0**

## #green innovation

### Water as a strategic resource for industry

Fossil-free, bio-based and fully circular—green innovations are reshaping industry at its core. ACHEMA 2027 places a special spotlight on industrial water and wastewater technologies, recognising their pivotal role in future value chains. Now is the time to scale these solutions and rethink value creation—towards sustainable, market-ready ecosystems that deliver both environmental impact and economic success.

 **Green Innovation Stage in hall 6.0**

## #energy innovation

### Rethinking energy

The process industries in particular need new, innovative solutions for reliable, efficient and sustainable energy. Mastering this increasingly complex issue is becoming a decisive factor in global competition. At the same time, chemistry and biotechnology offer exciting approaches to meeting energy-related challenges.

 **Energy Innovation Stage in hall 6.1**

**HIGHLIGHT SESSION**  
Hyperscaling hydro —  
Turning strategy into reality



# Don't miss ACHEMA 2027!

14–18 June 2027, Frankfurt am Main, Germany

ACHEMA is a signpost and source of inspiration for the globally networked life science and process industries and their players.

From chemistry and pharmaceuticals to biotechnology and process engineering: almost all global industrial value chains benefit from solutions and services provided by these sectors. At ACHEMA, experts and executives from all over the world come together to discover the latest technologies, experience product launches and discuss forward-looking developments.

As a globally unique platform, ACHEMA offers a comprehensive range of solutions—with a breadth, depth and relevance that is unrivalled. Take advantage of the opportunity to make contacts, establish and expand business relationships and find innovative solutions for your projects. Many exhibitors also present themselves as attractive employers—discover a wide range of career and professional opportunities.

## Clear and compact

The detailed **ACHEMA programme** will be published in February 2027. Register online at [myACHEMA](#) to ensure you receive the final programme on time.

## Plan your visit

Our ticket and visa service will be available from the end of 2026 to help you prepare efficiently and successfully organise your participation in ACHEMA. Whether by car, train or plane, Messe Frankfurt is easy to reach.

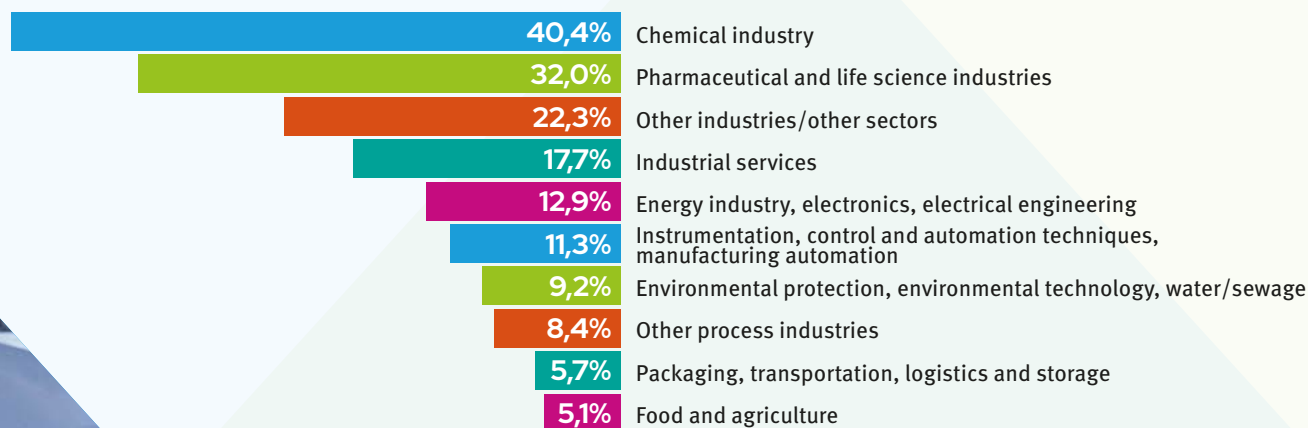


Detailed information for visitors can be found here

[www.achema.de/visitors](http://www.achema.de/visitors)

## ACHEMA 2024—Facts and figures

### Participants' industry background



**63.3%**  
international exhibitors—more than ever before

**2,842**  
exhibitors from  
**56**  
countries

**106,001**  
participants from  
**141**  
countries

Over **90%**  
of participants rated the quality of ACHEMA as very good or good

# Take part as an exhibitor now!

ACHEMA brings together the innovative strength of the entire industry and highlights the expertise of its exhibitors on a global stage. As the leading show for the life science and process industries, it showcases the most successful and innovative companies from around the world.

About two-thirds of the exhibitors and half of the visitors come from abroad, a third of them from countries outside Europe. The proportion of first-time and returning visitors is evenly balanced. So as an exhibitor, you maintain your existing network and can acquire new customers at the same time—and some of them exclusively: for 52% of visitors, ACHEMA is the only trade show they attend.

Participants spend an average of two days at ACHEMA to gain cross-industry technical insight and preview the next innovation cycle.

A booth at ACHEMA enables you to attract the attention of a broad, international audience and thus create the basis for successful business. As a platform for a diverse industry, ACHEMA caters to everyone—from mid-sized companies and multinational corporations to family-owned businesses and start-ups.

Secure your stand space from **€378/m<sup>2</sup>**. Start-ups, university research institutes and exhibitors in the outdoor area are eligible for special rates.

## New at ACHEMA 2027

- » Secure your high-quality **All-in-One stand package** directly when you register for ACHEMA and start planning your exhibition presence with complete peace of mind.
- » The **New Exhibitor Area** offers first-time exhibitors a particularly simple and quick way to get started at ACHEMA.

Further information for exhibitors can be found at [www.achema.de/exhibitors](http://www.achema.de/exhibitors)

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**52%**  
of participants attend  
no other trade show


Participants spend  
on average  
**2 days**  
at ACHEMA

# #ACHEMA— Like, share, comment

Make sure not to miss anything: discover news and highlights about ACHEMA and the life science and process industries. Stay in touch with the international ACHEMA community.

## Follow us on social media!

 LinkedIn: [www.achema.de/LinkedIn](http://www.achema.de/LinkedIn)

 Instagram: [ACHEMAofficial](https://www.instagram.com/ACHEMAofficial)

 Facebook: [www.achema.de/facebook](http://www.achema.de/facebook)

 YouTube: [www.achema.de/youtube](http://www.achema.de/youtube)

## ACHEMA INSPIRE Magazine

Our official magazine, ACHEMA INSPIRE, provides background reports on all aspects of the international life science and process industries and reports on the latest innovations in technology and service. The magazine is published twice yearly as an interactive digital publication.



Further information  
[www.achema.media](http://www.achema.media)

## ACHEMA Newsletter

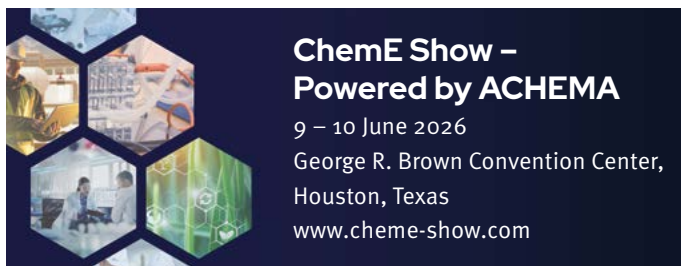
Our newsletter keeps you regularly informed about news concerning your trade show visit, exhibitors and industry trends.



Subscribe to the newsletter or  
magazine now at  
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## ACHEMA—Your gateway to global markets

With AchemAsia in Shanghai, the new ACHEMA Middle East as a gateway to the dynamic MENA region, and the ChemE Show in North America, we unlock new business opportunities and partnerships worldwide.



**ChemE Show –  
Powered by ACHEMA**  
9 – 10 June 2026  
George R. Brown Convention Center,  
Houston, Texas  
[www.cheme-show.com](http://www.cheme-show.com)



**ACHEMA Middle East**  
26 – 28 October 2026  
Riyadh International Convention &  
Exhibition Center (RICEC),  
Riyadh, Saudi Arabia  
[www.achemame.com](http://www.achemame.com)

### Event organizer

- » DEHEMA Gesellschaft für Chemische Technik und Biotechnologie e.V.
- » DEHEMA Ausstellungs-GmbH



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