

ACHEMA2024

Get inspired!

World Forum and
Leading Show
for the Process
Industries



10 – 14 June 2024
Frankfurt/Main,
Germany

www.achema.de

Let yourself be inspired

With more than 110,000 m² of exhibition space, ACHEMA is the home for the entire technology and service spectrum of the process industries. As the world's most comprehensive innovation update for the latest technology trends in the industry, it offers hands-on showcases for technology and global networking. Get inspired and feel the heartbeat of the industry.

International

Nowhere else does the pulse of process technology beat more intensively, innovatively and internationally than at ACHEMA: the leading trade show for our industry with a global signal effect. Manufacturers, service providers and research institutions from over 50 countries present products for the chemical, pharmaceutical, biotechnology, energy and environmental sectors. ACHEMA is the only trade show to combine the entire range of products and services from laboratory supplies, chemical and pharmaceutical technology, fluid technology and process automation to packaging and storage technology in one place.

Innovative

The process industries are a driver of innovation and growth in the global economy – and simultaneously undergoing a transformation themselves. The “green” transformation is by far the most challenging project in the history of the process industry, with hydrogen potentially becoming a game changer. In many places, digitalisation is seen as the key to innovation across the industry – from plant engineering to the laboratory sector. Stable supply chains are a concern not only pharmaceutical

companies have to deal with. The challenges of the future are manifold. At the trade show and congress, ACHEMA will present innovative approaches to mastering them. Because in the process industry, too: you can only be successful if you are in the right place at the right time with innovations.

Interdisciplinary

ACHEMA attracts participants that want to make a difference in the process industries and take their business to the next level from more than 130 countries. Nowhere else will you experience global networking as comprehensively as here because ACHEMA brings together not only chemists, engineers and process technicians, but also biotechnologists, energy experts, environmental specialists and experts from many other disciplines – a large proportion of them executives from the top two corporate levels. Start-ups and students from all over the world have also always been present. ACHEMA is where the technology trends of our industry take off, investment decisions are made and projects are launched.



Visitors love
ACHEMA

84%

are highly satisfied or satisfied
with the quality of ACHEMA

52%

visit no other trade show

47%

stay more than one day

Young, innovative, and different

ACHEMA is the meeting place for all players in the process industries, including young companies and start-ups. Because start-ups, with their disruptive ideas and flexibility, support the industry in its changes in these ambitious times.

Start-up Area



As one of the central anchors in the “Research and Innovation” exhibition group, start-ups show how science and technology, coupled with ambition and perseverance, can be translated into new services, profitable products and the latest processes. The Start-up Area is the central meeting point for young companies and innovation leaders in search of synergies and collaborations, as well as for all participants interested in new trends.

Are you interested in the Start-up Area, or would you like to present your start-up in one of our exhibition groups and benefit from our support? Contact us at achema@dechema.de

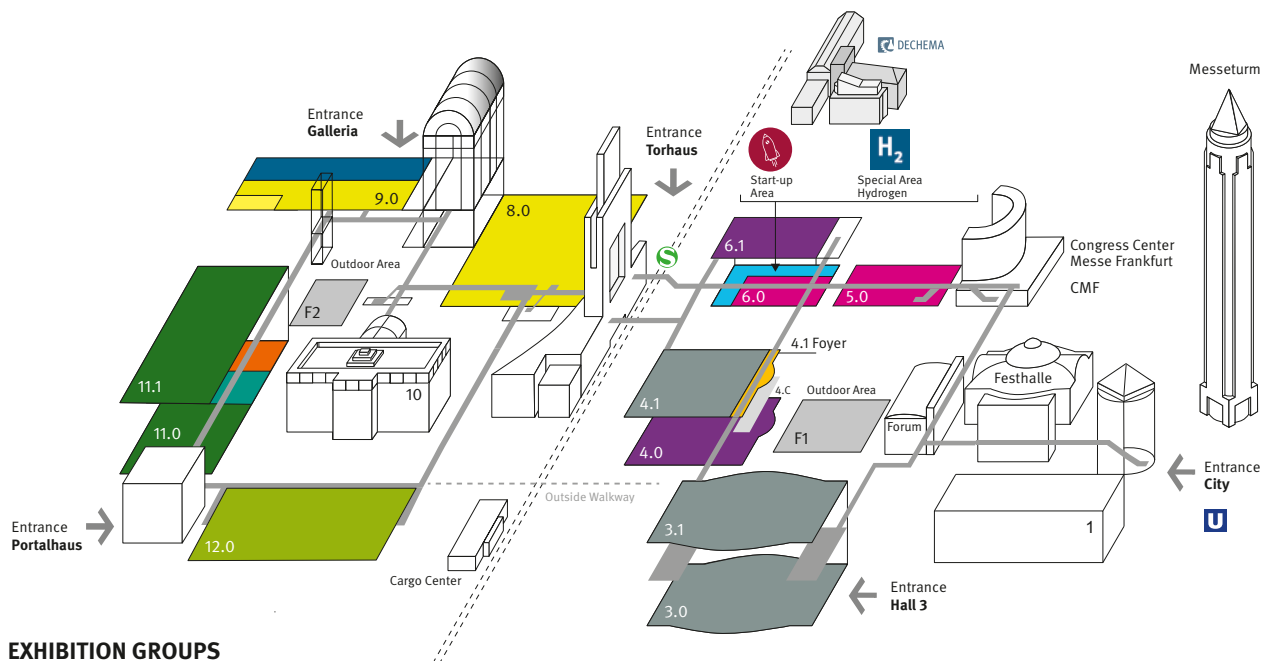
Future makers wanted!



For the fourth time, researchers with marketable ideas, those looking to set up a business, and young start-ups can apply for the ACHEMA Start-up Award. DECHEMA, Business Angels FrankfurtRheinMain and High-Tech-Gründerfonds are looking for ideas, concepts and business plans from the chemistry, process engineering and biotechnology areas. Ten finalists will get the opportunity to present themselves to the international trade show audience at ACHEMA 2024 in the Start-up Area and a separate session, and to find cooperation partners. The winner will receive the ACHEMA Start-up Award, worth 15,000 euros.

Find out more at www.achema.de/start-up-award

The heart of process engineering beats here



EXHIBITION GROUPS

- | | | | |
|---|---|---|--|
| Engineering
4,500 m ² | Laboratory and Analytical Techniques
10,000 m ² | Instrumentation, Control and Automation Techniques
13,000 m ² | Industrial and Labour Safety
800 m ² |
| Digital Hub
2,000 m ² | Literature, Information, Learning and Teaching Aids
1,000 m ² | Pharmaceutical, Packaging and Storage Techniques
31,000 m ² | Thermal Processes
12,500 m ² |
| Research and Innovation
2,500 m ² | Mechanical Processes
9,500 m ² | Pumps, Compressors, Valves and Fittings
25,000 m ² | Materials Technology and Testing
800 m ² |

From research to application

The ACHEMA 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 process industries.

Be a part of ACHEMA as a speaker

ACHEMA has fully integrated the congress into the exhibition programme since 2022: All speaker sessions take place either on stages directly in the exhibition halls or in the immediate vicinity of the exhibition groups. The closer integration of congress and exhibition has been a resounding success: more than 20,000 spectators attended the ACHEMA Congress in 2022. 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 process industry can expect in the future. Together with the exhibition, ACHEMA thus offers a 360-degree perspective on all trends and technologies in the process industries. Become a part of it with your presentation.



Your talk – how it works

You can find all the information on the congress topics at www.achema.de/congress and register your contribution directly. Presentations are in English and the deadline for registration is **6 October 2023**.

Do you wish to organise a complete congress session?

Then please get in touch with our congress office.

Your contact

You can reach our congress office colleagues at lecture@dechema.de.

CALL FOR PAPERS

You can submit presentations on the following topics:

- » Artificial intelligence for the process industry
- » Autonomous systems in site and plant operations
- » (Bio-)pharmaceutical production
- » Challenges in industrial water management
- » Circular economy of carbon materials
- » Climate-neutral production
- » Corporate sustainability reporting in the process industry
- » Digital transformation of the process industry
- » Equipment and processes for Advanced Therapy Medicinal Products (ATMPs)
- » Food processing and technology
- » Future lab: Digitalised, miniaturised, automated
- » Green research labs
- » Handling, transporting and storing hydrogen
- » Hydrogen production
- » Industrial biotechnology
- » Innovative mixing and separation solutions
- » Recovery and reuse of inorganic raw materials
- » Linking the lab with production and quality
- » Materials and material processing
- » Modular production
- » New developments in imaging and sensing technologies
- » New materials for sustainability
- » Pharma supply chain and logistics
- » Plant design and maintenance
- » Power-to-X processes, industrial applications and sector coupling
- » Process engineering
- » Quantification of environmental impacts in chemical, biotech and pharma production
- » Safety and security
- » Water-for-X



Shaping the future together

Innovation themes

ACHEMA's innovation themes focus on key challenges that move the process industries – now and in the years to come. The respective Innovation Stage provides space for keynote speakers, discussions and case study presentations by industry experts and solution providers.

HYDROGEN INNOVATION

Hyperscaling hydrogen production and infrastructure is one of the key enablers for a clean energy transition and achieving climate goals. Only ACHEMA offers so many solutions for producing, handling, transporting and storing hydrogen.

The **Hydrogen Innovation Stage** covers all aspects relevant to the process industry: rapid scaling of production and infrastructure, power-to-X, industrial applications and sector coupling.

This is where the **Process Innovation Stage** comes in, with topics such as electrification, making chemical processes more flexible and efficient, and contributions on smart technology, equipment, analytics and operations.

PHARMA INNOVATION

Pharma technology is the fastest-growing community at ACHEMA, and the pharmaceutical industry has never been more exciting. As new research and production methods are developed and new sites are established around the world, existing processes must meet increasingly stringent requirements and standards.

In addition to numerous other **Pharma Innovation** themes, biopharmaceutical production will be a particular focus of discussion in 2024.

GREEN INNOVATION

Environmental protection and industrial water management have long been central themes at ACHEMA. The integration of molecular and industrial biotechnology is also nowhere more tangible than at ACHEMA.

But **Green Innovation** goes beyond that, addressing the challenge of climate-neutral production in process industries and related topics, such as the circular economy, ESG and sustainable investments.

DIGITAL INNOVATION

Digital innovations such as advanced analytics or Industry 4.0 technologies are becoming increasingly important: IT vs. OT, connectivity vs. security or smart vs. smart enough – the challenge for operators is to find exactly the right configuration for their business.

The **Digital Innovation Stage** will focus on digital themes that are currently transforming the process industries.

H₂

Special Show Hydrogen

Hall 6.o

The special show hydrogen presents the previous milestones and future challenges of the hydrogen economy. Experience the latest technologies and innovations for global and regional hydrogen projects in one place and gain insights into pre-competitive collaboration to solve hydrogen challenges.

LAB INNOVATION

The laboratory is the birthplace of world-changing innovations and the traditional guardian of product quality. Success in the lab is determined more than ever by the technologies used there and the interfaces with engineering and production.

In addition to lab design, planning, construction and management, advanced bioanalytics and pharmaceutical applications will be examined in depth. The **Lab Innovation Stage** is coupled with an **Action Area** dedicated to the digitalised, miniaturised and automated laboratory of the future.

PROCESS INNOVATION

Innovations in process technology are at the heart of ACHEMA. Process technology today is at a crossroads: While new investments in "green technologies" are growing at an unprecedented pace, it is becoming increasingly complex to maintain operations and keep existing plants in the market.

Don't miss ACHEMA 2024!

10 – 14 June 2024, Frankfurt am Main, Germany

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

Almost all global value-added networks benefit from services provided by the chemical, pharmaceutical, biotechnology and process technology sectors. ACHEMA brings together experts and executives from all over the world and is characterised by numerous product premieres and technology presentations. Nowhere else can complete application solutions for all areas be accessed in such breadth, depth and topicality.

Take advantage of the opportunity to make contacts, establish and expand business relationships, discover career opportunities, and find innovative solutions for your projects.

Clear and compact: The detailed **ACHEMA programme** will be published in February 2024. Register online for myACHEMA to ensure you receive the final programme on time.

Our ticket and visa service will be available from the end of 2023 to help you prepare efficiently and successfully organise your participation in ACHEMA.



Detailed information for visitors can be found at www.achema.de/visitors

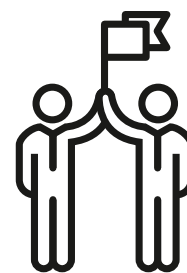


Get your career moving

ACHEMA offers opportunities right from the start. As part of the Study Cycle, student and Ph.D. groups accompanied by a faculty member receive free admission to the exhibition and congress as well as assistance with travel. For more information and to register, visit www.achema.de/study-course. Special events for pupils and teachers will also be available again in 2024.

Job seekers can make valuable contacts with future employers at ACHEMA as many exhibitors also use ACHEMA as a recruit-

ing platform. In addition, with the Career Day, we offer a networking event on 13 June 2024 that is all about successful applications, careers and job prospects.



Career Day

Take part as an exhibitor now!

ACHEMA bundles the creativity of the entire industry in one place and presents its exhibitors' know-how to the world.

As a unique showcase of the world's most successful and innovative companies in process technology, ACHEMA welcomes half of its visitors from abroad – one-third of them from 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.

Visitors 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 the leading event for a diverse industry, ACHEMA caters to everyone – whether mid-sized companies, multinational corporations, family-owned businesses or start-ups. Secure your stand from 371 euros/m². Start-ups, university research institutes and exhibitors in the outdoor area are eligible for special conditions.



Detailed information for exhibitors can be found at www.achema.de/exhibitors.

ACHEMA 2022 – facts and figures

Range of visitors

Engineer	41.7%
Chemist, physicist	16.6%
Supervisor, technician, lab assistant	13.9%
Commercial professions	7.6%
In training	4.3%
Other professions	15.9%



Participant structure

51,890	Industry visitors
15,108	Stand personnel
2,757	Talent (students, trainees, teachers, pupils)
252	Journalists

70,007

attendees from 127 countries

2,211

exhibitors from 51 countries

54%

international share

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#ACHEMA24 – like, share, comment

Make sure not to miss anything: Discover news and highlights about the process industries and ACHEMA and stay in touch with the international ACHEMA community.

Our social media channels

-  LinkedIn: www.achema.de/linkedin
-  Instagram: [ACHEMAofficial](https://www.instagram.com/ACHEMAofficial)
-  Twitter: [ACHEMAworldwide](https://twitter.com/ACHEMAworldwide)
-  Facebook: www.achema.de/facebook
-  YouTube: www.achema.de/youtube

ACHEMA newsletter

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

ACHEMA Inspire Magazine

Our official magazine, ACHEMA Inspire, provides background reports on all aspects of the international process industry and reports on the latest innovations in technology and service, from laboratory equipment and plant and apparatus engineering to packaging and storage technology, with a special focus on sustainable development and digitalisation. The magazine is published twice yearly as an interactive digital publication for the global ACHEMA community.



Subscribe to the newsletter
or magazine now at
www.achema.de/subscribe

Your fastest route to ACHEMA!

Are you traveling to ACHEMA from abroad? Then, book your trip through a travel specialist in your country.

Recommended travel agencies and the addresses of international tour operators are listed at www.achema.de/travel-offers

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