

ACHEMA2021

Get ready for the unexpected

World Forum and
Leading Show
for the Process
Industries



June 14 – 18, 2021
Frankfurt/Main,
Germany
www.achema.de

Innovative by tradition

No ACHEMA is like the one before. This applies more than ever to ACHEMA 2021 – the event that will help the world's leading trade show in its field to launch into its second century. The management team of DECHEMA Ausstellungs-GmbH, **Dr. Thomas Scheuring** and **Dr. Björn Mathes**, talk about the promises the new century holds.



Left:
Dr. Thomas Scheuring

Right:
Dr. Björn Mathes

ACHEMA is an opportunity to exchange ideas, technologies and practical expertise within the process industry, across all borders – whether between different specialist areas or different continents. And this for 100 years now! What is its significance?

Mathes: Well, firstly it is a birthday that we can be really proud of. ACHEMA has witnessed – and survived – one world war, multiple economic crises, and more than one industrial revolution. But it hasn't aged in the process. Far from it, the event has constantly adapted and reinvented itself in many ways as well.

Scheuring: This is why we are focused particularly on the here and now – and on the future. It is the mission of ACHEMA to bring together the players in the process industry, to keep pushing the development of technologies, and to help deliver innovations. This contributes to lasting change in the world, so that we can work together to master the challenges of tomorrow.

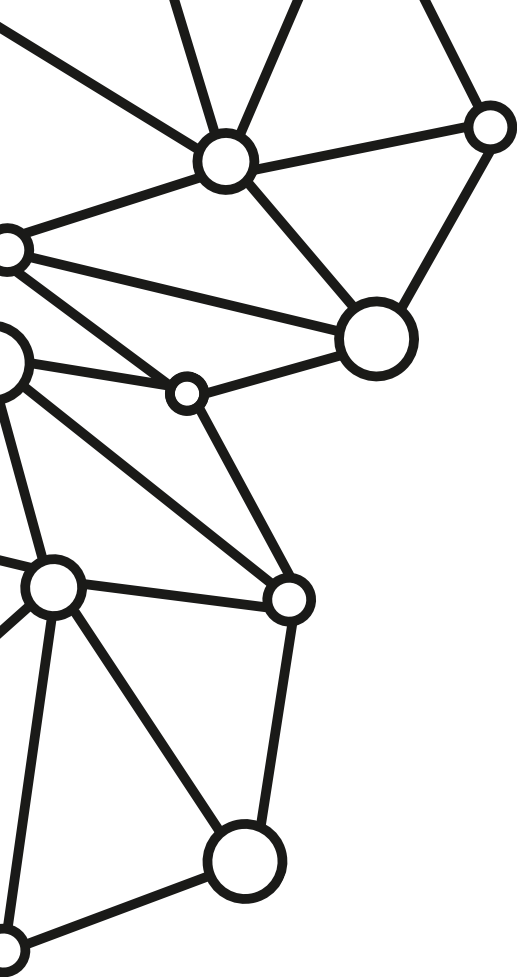
What makes ACHEMA so special?

Scheuring: ACHEMA is and always will be the central stage for the global process industry. It is really tangible that nowhere else does the pulse of our industry beat faster or more intensively, with more up-to-date information or a more international outlook. Because ACHEMA covers all the bases of the process industry, it highlights current technology trends both at detail level but also in a much wider context.

This sends out signals to our industry all around the world. But there is something that is even more important: ACHEMA strengthens relationships. It creates new ties between people, brands and markets – true to our motto “Inspiring sustainable connections”.

Mathes: Inspiration, sustainability, networking: This is exactly what ACHEMA stands for – both in terms of technology and at a very personal level. We bring together some 150,000 people from over 150 countries in a single place.

“It is really tangible that nowhere else does the pulse of our industry beat faster or more intensively, with more up-to-date information or a more international outlook.”



Every one of them wants to make a difference in the process industry, to take their company to a new level.ACHEMA has everything they need to make this happen. Whether for laboratory equipment, a turnkey plant, or apparatus for individual, specialized processes – and even on to packaging and storage technology.

One thing we are currently seeing a lot is that more and more events are being forced to switch to digital platforms. Why should people make the effort to physically attend a trade show?

Mathes: ACHEMA brings together people who develop new ideas – and what we are currently experiencing is that this can be exceedingly difficult to achieve digitally. It is about emotions and trust. And what applies to contact between people also applies to a certain degree to interaction with technology. ACHEMA provides not just facts and figures for a new pump or packaging line, but provides an up-close experience where you can witness, touch and see new technologies in action – every aspect of ACHEMA is a revelation for all the senses. Up-close and multi-sensory – that is something that no digital platform can deliver.

Well, speaking of the future – what can we look forward to?

Mathes: We are constantly developing and refining the ACHEMA concept, partly also because the expectations being

placed on us are shifting. Across the board from major multinationals to small start-ups, companies in the process industry are increasingly gearing up their business to meet the Sustainable Development Goals of the United Nations. At the same time, the expectations placed on a trade show in terms of flexibility and efficiency are also increasing with regard to communication channels and the way digital offerings are incorporated. Tackling the major global issues of today is only possible if different specialist disciplines pull together. Boundaries between industries are becoming blurred – look at how the traditional process industry is increasingly merging with the digital economy for example. ACHEMA is the platform for this. We connect people beyond traditional industry boundaries. We pick up impulses from our core industries, but also from outside, and we take advantage of the latest technological developments to raise the ACHEMA experience to a new level.

So what does this mean specifically for ACHEMA 2021?

Scheuring: The heart of ACHEMA is the industry exhibition. What is new? What do exhibitors from around the world have to offer? Don't forget that ACHEMA is the stage on which many premieres will be presented – and this inspires the industry all around the world. Many of the innovations on show will come from areas covered by our core topics: Digital Lab, Modular and Connected Production, and Product and Process Security.

Mathes: Two factors that are driving the transformation taking place in the industry are digitalization and new, innovative companies. With the Digital Hub and the Start-up Area, we are offering a dedicated “home” to both of these areas – a home where the process industry and the digital sector, big players and newcomers can all come together. There are no limits at ACHEMA. This was always the case in the past – and now more than ever!

“We connect people beyond traditional industry boundaries.”

DR. BJÖRN MATHES



5 good reasons to make the trip to ACHEMA 2021

1

Industry summit and trendsetter

ACHEMA has been side-by-side with the process industry and the changes it has undergone for 100 years. It is an important driving force for innovation and brings together decision-makers, users and solution providers in a unique marketplace that is unmatched anywhere in the world.

2

Big – bigger – ACHEMA

With around 3,700 exhibitors from 55 countries in 12 exhibition groups spread out over 130,000 square meters, ACHEMA is the world's leading show for all areas of the process industry and provides an impressively varied array of technology and service offerings.



3

Melting pot of the process industry

Take full advantage of the unrivaled networking opportunities that only ACHEMA can offer – make connections between different continents and different branches of industry.

4

Exclusive network

For 52 % of visitors, ACHEMA is the only trade show they will attend. This exclusive target group can only be reached here. Staff your booth with your best team to engage with the specialist audience and ensure that a valuable exchange takes place. In addition, ACHEMA is also the perfect environment to recruit new members of staff effectively.

5

See – touch – trust

Exhibitors will do everything they can to create a unique brand and technology experience at ACHEMA. They want to thrill visitors with their ideas and products in a way that nobody else in the industry does.

Facts and figures? Here you go!

These facts and figures for ACHEMA 2018 speak for themselves.



144,628
attendees

77%

of exhibitors were
impressed with the
competence of the
visitors



Participants from

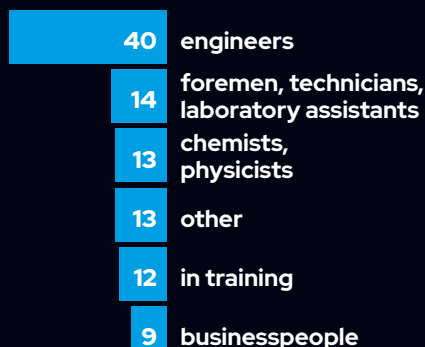
150
countries

52%

of visitors
will attend
ACHEMA as
their sole trade
show



Careers of our visitors
[%]



Exhibitors at ACHEMA 2018 by country

44%

Germany

33%

Europe

19%

Australia,
Africa, Asia

4%

USA

Experience the future

ACHEMA is the trendsetting event for all walks of our industry. The focal topics reflect the burning issues the audience really wants to see addressed. For 2021 we have identified three exciting trends, each of which individually has the potential to revolutionize our industry:



THE DIGITAL LAB

Data from all stages of research and production comes together in the laboratory. Fully networked and with a modular layout, the digital laboratory is a data mine for process development and quality assurance.



PRODUCT AND PROCESS SECURITY

The challenges associated with issues like Industry 4.0, block-chain, AI, but also cyber-attacks demand new solutions. We offer the perfect platform on which to present these solutions.



MODULAR AND CONNECTED PRODUCTION

Smaller batch sizes, more specialized products, faster cycles, and communicating hardware – ACHEMA takes the paradigm change being driven by digitalization to the next level.

Feel the dynamic energy in the industry

As a technology platform and an international marketplace for the latest technology trends, ACHEMA drives developments in all sectors of the process industry. With our Digital Hub and our Start-up Area, at ACHEMA 2021 we will be presenting – for the very first time – two new areas that will support and actively help shape the transformation of the industry.

Start-up Area

Calling all company founders and start-up entrepreneurs! Within the exhibition group “Research and Innovation” in Hall 6.2, ACHEMA 2021 offers an exceptional new Start-up Area.

The ACHEMA Start-up Area is not merely an exhibition area with plenty of space for technology highlights – it is also a teeming hub of pioneers, full of people with groundbreaking ideas and the masterminds of the process industry of tomorrow. This is where investors, experts, and decision-makers right up to board level come together to carefully scrutinize the start-ups and offer priceless opportunities to young entrepreneurs.

Look forward to:

- » **Young and creative startups from all around the world**
- » **Our Investors' Lounge**
- » **Inspiring innovation pitches**
- » **Interactive matchmaking**

In addition, the Start-up Night will also offer an opportunity for intensive networking in a relaxed atmosphere.



Digital Hub

In the form of the Digital Hub we have created a central meeting point for experts, enthusiasts and others who are interested in the world of bits & bytes. Representatives of the digital economy will be on hand in Hall 12.1 to answer the questions you have always wanted to ask at ACHEMA.

The Digital Hub is designed to offer space for exhibits and exchanges, as well as serving as a learning and networking node at the same time.

The **Center Stage** will offer a stimulating and attractive program of on-stage events and will be a great opportunity for fruitful discussions between attending executives and digitalization experts (and those aspiring to these roles).

The **AccessPoints** are devoted to current trend topics relating to the digital transformation of the process industry and will promote exchanges between experts and interested parties with specialist lectures and exciting presentations.

They also form the starting point for guided tours through the entire Digital Hub.

These are the topic areas you will encounter at the AccessPoints:

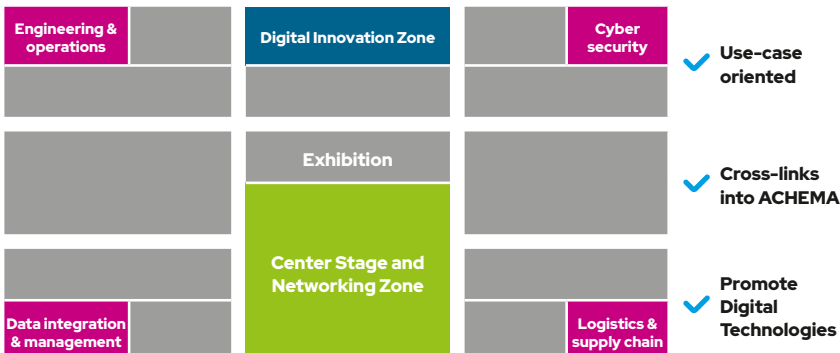
- » Engineering & Operations
- » Data Integration & Management
- » Logistics & Supply Chain
- » Cyber Security

As a joint stand, the **Digital Innovation Zone** is aimed particularly at small and medium-sized companies, more mature start-ups, as well as companies who have their main booth in other exhibition groups but still wish to be present with their digital portfolio in the Digital Hub.



Would you like to find out more or register as an exhibitor for the Digital Hub or Startup Area?

Please contact Andreas Konert directly via **+49 69 7564 159** or at **andreas.konert@dechema.de**



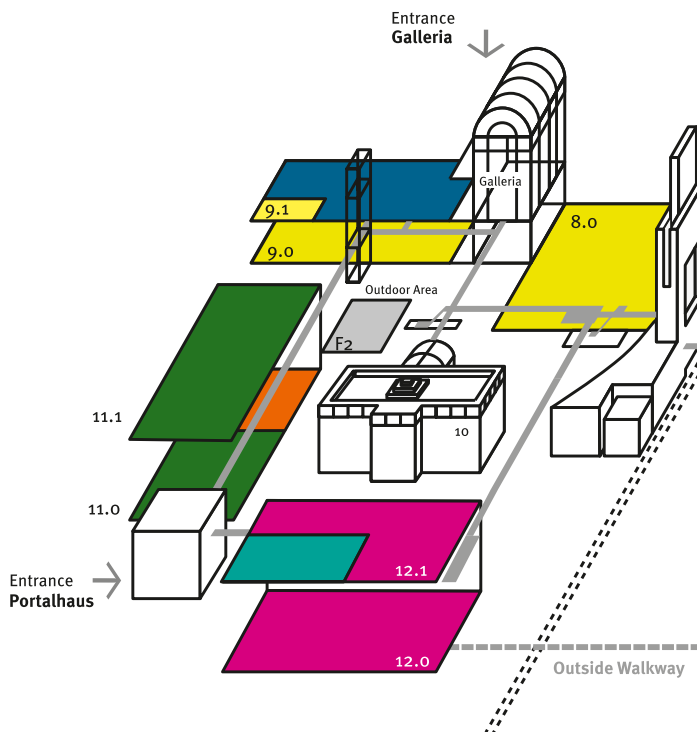
The place to be for all the movers and shakers

Interdisciplinary

In 2021, ACHEMA will once again show off the full potential and capability of the process industry and will be the platform to highlight new opportunities and mobilize synergy effects.

Interactive

Together with the tried-and-tested PRAXISforums, new formats such as *Bring your Problem*, *Innovation Pitch* or the *ACHEMA Safari* enable interaction right in the middle of the action at the trade show.



EXHIBITION GROUPS



Engineering
9.1



Digital Hub
12.1



Research and Innovation
6.2



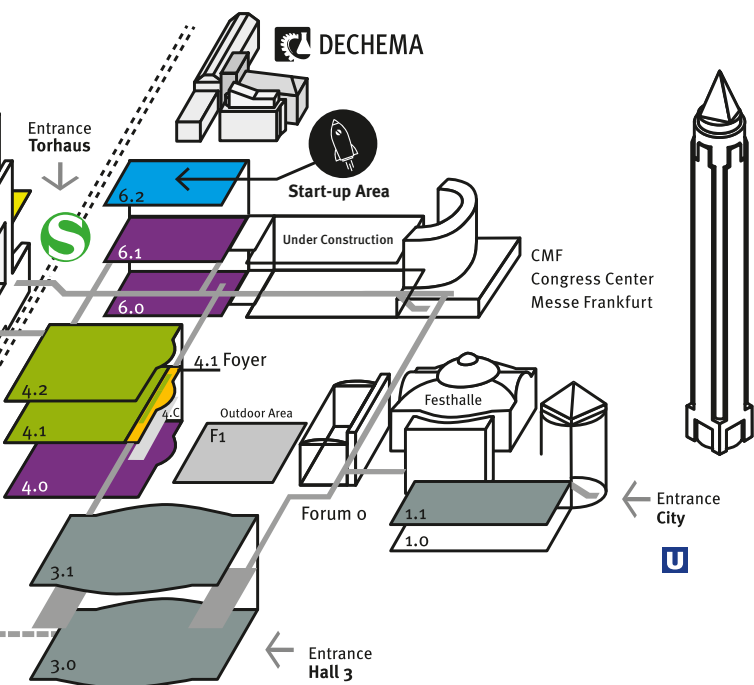
Laboratory and Analytical Techniques
4.1, 4.2








Literature, Information, Learning and
Teaching Aids
4.1 Foyer



Mechanical Processes
12.0, 12.1



- | | | | |
|---|---|---|--|
|  | Instrumentation, Control and Automation Techniques
11.0, 11.1 |  | Industrial and Labour Safety
9.1 |
|  | Pharmaceutical, Packaging and Storage Techniques
1.1, 3.0, 3.1 |  | Thermal Processes
4.0, 6.0, 6.1 |
|  | Pumps, Compressors, Valves and Fittings
8.0, 9.0 |  | Materials Technology and Testing
11.0 |

Exhibition groups



Engineering

Hall level 9.1

Development, planning, and execution of production lines for all areas of chemical and pharmaceutical engineering, as well as biotech; flow chemistry; CAE – Computer Aided Engineering; plants for water treatment and wastewater processing, exhaust gas purification, waste disposal and recycling; chemical parks and clusters.



Digital Hub

Hall level 12.1

Digital solutions for production, maintenance and plant planning/construction, research and innovation, logistics and supply chain management; cyber security; augmented reality (AR), virtual reality (VR), artificial intelligence (KI), blockchain, data virtualization platforms, edge computing, big data, machine learning, smart analytics, 5G.



Research and Innovation

Hall level 6.2

Fields of activity and latest research results from university institutes and research facilities in Germany and abroad; Start-up Area.



Laboratory and Analytical Techniques

Hall levels 4.1, 4.2

Devices, equipment, chemicals, and services for research and industrial laboratories; laboratory planning and equipment, as well as equipment for physical and chemical analysis, including sample preparation.



Literature, Information, Learning and Teaching Aids

Foyer 4.1

International media from all areas of the technology and service spectrum for ACHEMA; producers of learning and teaching materials for universities, vocational training and professional training.



Mechanical Processes

Hall levels 12.0, 12.1

Lines, apparatus and equipment for mixing, kneading, stirring, sieving, filtering including filtration media, centrifuging, crushing, grinding, agglomerating, homogenizing, conveying, weighing; drive technology and cleaning systems.



Instrumentation, Control and Automation Techniques

Hall levels 11.0, 11.1

System solutions and components such as sensors or processors for automation, control and monitoring of methods, processes and plants.



Pharmaceutical, Packaging and Storage Techniques

Hall levels 1.1, 3.0, 3.1

Apparatus, machines and materials for dosing, filling, closing/sealing, packaging and labeling; machines for manufacturing and assembling packs of pharmaceuticals and foods; transport and storage technology; logistics and supply chain management.



Pumps, Compressors, Valves and Fittings

Hall levels 8.0, 9.0

Pumps and compressors for all media and for wide-ranging operating conditions; fittings, pipes, seals and packing; high-pressure applications.



Industrial and Labour Safety

Hall level 9.1

Safety concepts for chemical plants; equipment, aids and measures for protection of people and the environment.



Thermal Processes

Hall levels 4.0, 6.0, 6.1

Plants, apparatus and equipment for distilling, rectifying, extracting, absorbing, crystallizing, drying, heating and cooling; electrochemical methods, membrane processes, bioreactors; methods of energy generation and for saving energy.



Materials Technology and Testing

Hall level 11.0

Metallic, non-metallic and composite materials for chemical engineering; surface protection technology such as enameling, plating, plasma spraying, coating; adhesive bonding systems; inspection of materials and components; photovoltaics materials and applications.



For additional information about our exhibition groups, please visit:

www.achema.de/exhibition-groups

The complete range of topics

Mirroring the exhibition topics, the **ACHEMA Congress** covers all aspects of chemical process engineering and biotechnology – supplementing more conventional aspects with brand new series of cutting-edge presentations.

ACHEMA CONGRESS TOPICS FOR 2021:

- » Future production: modular, connected and smart
- » Industrial intelligence and sensor-based process control
- » Plant design and maintenance
- » Pumps, compressors, valves and fittings: state of the art in fluid handling
- » Innovative mixing and separation solutions
- » Bioprocessing: bioreactors, process development and control
- » Pharma meets production
- » Redesigning the chemical & pharmaceutical supply chain
- » Materials and material processing
- » Additive manufacturing
- » Innovative product design in mechanical process engineering
- » The digital lab: laboratory and analytical techniques
- » Raw materials
- » Water technologies
- » Future energy use in process industries
- » Product and process security
- » Safety



Presentations for the Congress or PRAXISforums can be submitted by uploading an informative, one-page summary via www.achema.de/congress by October 16, 2020. Presentations are given in English. The summaries of all accepted contributions will be available online before the trade show.

If you have any questions, please feel free to contact our Congress Office at any time at +49 69 7564-125 or via lecture@dechema.de. Please also get in touch via this e-mail address if you would like to organize an entire Congress session.

Always in the thick of things

Practice-oriented topics and products/solutions presented succinctly by experts from the world of our exhibitors – this is the concept behind the **ACHEMA PRAXISforums**, which are hosted right in the middle of the halls among the relevant exhibition groups.

TOPICS FOR THE PRAXISFORUMS AT ACHEMA 2021:

- » Additive manufacturing
- » Bioprocessing: speed, flexibility, optimization
- » Future production: modular, connected, smart
- » Industrial intelligence & sensor-based process control
- » Innovative mixing and separation solutions
- » Innovative product design in mechanical process engineering
- » Pharma meets production
- » Plant design & maintenance
- » Product & process security
- » Redesigning the chemical & pharmaceutical supply chain
- » Safety first!
- » State-of-the-art in fluid handling
- » The digital lab
- » Water technologies



At your service all around the world

Wherever you are, our friendly
representative for your part of the
world is only a phone call away.



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Networking at #ACHEMA21

Never miss a thing again – take advantage of our many contact opportunities and keep your finger on the pulse of the industry.

ACHEMA on social media



Twitter: [ACHEMAworldwide](#)



Instagram: [ACHEMAofficial](#)



LinkedIn: www.achema.de/LinkedIn



Facebook: www.achema.de/facebook

ACHEMA Newsletter

Our newsletter is published every four weeks and is the best source of all the latest news and information – for everything to do with ACHEMA.



Subscribe to our newsletter at
www.achema.de/subscribe



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Make sure you are part of the action!

It's time again! June 14 – 18, 2021 will see the next edition of ACHEMA – the perfect springboard to present your company at the primary event for the process industry.



Book early for the best rates:

- » Allow us to offer the best booth we can to take all your preferences into account
- » Optimum growth opportunities
- » Get coverage in the communication channels for ACHEMA 2021 as early as possible

Register now at: www.achema.de/application-exhibitors

DIFFERENT PRICING LEVELS FOR EVERY BUDGET

Aisle stands	€ 341.00 per m ²
Central aisle stands	€ 409.20 per m ²
Block stands/corner stands	€ 477.40 per m ²
Outdoor areas	€ 135.00 per m ²
Special rate (for young companies or university-based research institutions)	€ 216.00 per m ²
Co-exhibitor fee	€ 975.00

All prices are subject to VAT at the applicable rate.

Use our **ACHEMA Calculator** at www.achema.de/calculator to gain a first overview of the costs involved. Just five simple steps will allow you to put the potential benefits of trade show participation in perspective and calculate the associated costs.

www.achema.de

ACHEMA2021
GET READY FOR THE UNEXPECTED