



# **AMCA European Fan Symposium 2024**

10-11 July 2024

Schwäbisch Hall, Germany





Please join us for the 2024 AMCA European Fan Symposium, to be held in Schwäbisch Hall, Germany, 10-11 July 2024.

With a diverse and far-reaching agenda, this event promises to address issues important to professionals in the air movement industry—not just in Europe, but around the globe.

European and global speakers will address issues such as certification, regulations, market surveillance, sustainability, retrofits, digitalization, aerodynamics, sound, and motor technology.

In addition, there will be opportunities to interact and debate the issues while also networking with the industry's influencers and decision makers.

Register today for this outstanding event.

## Agenda

Time	Event
<b>Wednesday, 10 July 2023</b>	
09:00 - 09:30	<b>Registration and Coffee</b>
09:30 - 09:45	<b>Welcome</b> Jürgen Albig & Kevin Faltin
09:45 - 10:15	<b>Certification of Fans through the AMCA Certified Ratings Program and Eurovent Certita.</b> Charles Meyers / AMCA International
10:15 - 10:45	<b>Certification of AHU</b> Sylvain Courtney / Eurovent Certita Certification
10:45 - 11:15	<b>Coffee Break</b>
11:15 - 11:45	<b>Revision of Fan Regulations in Europe</b> Geoff Lockwood / EVIA Chair WG Fans
11:45 - 12:15	<b>Fans and Blower Regulations in U.S.</b> Michael Ivanovich / AMCA International
12:15 - 12:45	<b>Overview of Asia Government Regulations</b> CK Soh / Asia AMCA
12:45 - 14:00	<b>LUNCH</b>
14:00 - 14:30	<b>Future EPBR (Europe)</b> Alex Rowlett / Mitsubishi Electric Europe B.V. Corporate Office
14:30 - 15:00	<b>Europe Sustainability Topics</b> Lee Morgan / Group Sustainability Director Systemair AB
15:00 - 15:30	<b>Market Surveillance in Europe</b> Georg Haubelt / Ministerium für Umwelt, Klima und Energiewirtschaft
15:30 - 16:00	<b>Coffee Break</b>
16:00 - 17:00	<b>Existing Regulations Panel : Moderator: Morten Schmelzer</b> Geoff Lockwood / EVIA Chair WG Fans; Martin Lenz / Eurovent Chair PG AHU;
17:00 - 17:15	<b>Closing Words- Day 1</b> Jürgen Albig
17:15 - 18:30	<b>Reception</b>
18:30 - 21:00	<b>Dinner</b>

**REGISTER NOW!**



## Agenda - day 2

Time	Event
<b>Thursday, 11 July 2023</b>	
09:00 - 09:30	<b>Registration and Coffee</b>
09:30 - 09:45	<b>Welcome</b> Jürgen Albig & Kevin Faltin
09:45 - 10:15	<b>Developments in Fan Technology for Air Handling Unit Refurbishments</b> Johan Roos / Regal Rexnord,
10:15 - 10:45	<b>Retrofit in Refrigeration</b> Andreas Walter / Ziehl-Abegg, Global President After Sales & Service
10:45 - 11:15	<b>Coffee Break</b>
11:15 - 11:45	<b>New EPBD/IAQ</b>
11:45 - 12:15	<b>Pandemic Responses</b>
12:15 - 12:45	<b>Digitalisation</b> Emmanuel Val / Siemens Building Technologies
12:45 - 14:00	<b>LUNCH</b>
14:00 - 14:45	<b>Aerodynamics and Acoustics</b> Prof. Dr.-Ing. Thomas Carolus / Uni Siegen
14:45 - 15:15	<b>Motor Technology</b> Mario Käpple / ebm-papst, Director – Motor Development
15:15-15:30	<b>Closing Comments</b> Jürgen Albig & Kevin Faltin

### Host Location

Fassfabrik Schwäbisch Hall  
Karl-Kurz-Straße 44  
74523 Schwäbisch Hall

### Registration Information

Early Bird Rate (*ends 15 May 2024*)

€ 169

General Rate

€ 199

**Meeting registration will close 30 June 2024**

Please contact AMCA Senior Director, Association Engagement, Robb Clawson at [rclawson@amca.org](mailto:rclawson@amca.org) or +1 847-704-6325 if you have any questions.

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## Hotel Information

We have a few hotels near our event location and we have a small block of rooms available for our attendees at each location. Please see the different hotels below.

**IT IS ADVISED TO CALL HOTELS TO MAKE RESERVATIONS AND *MENTION YOU ARE ATTENDING THE AMCA INTERNATIONAL FAN SYMPOSIUM.* Reservations must be made by 24 May 2024.**

Hotel	Distance	Cost per Night	Address	Website	Phone
Hotel Kronprinz	3,2 km	€ 122 - 132	Bahnhofstraße 17 74523 Schwäbisch Hall	<a href="#">LINK</a>	+49 791 977 00
Hotel Hohenlohe (Ringhotel)	3,8 km	€ 122 / 149	Weilertor 14 74523 Schwäbisch Hall	<a href="#">LINK</a>	+49 791 758 788 5
qubixx - StadtMitteHotel	4,1 km	€ 117 / 158	Weilerwiese 3 74523 Schwäbisch Hall	<a href="#">LINK</a>	+49 791 978 041 41
Hotel Goldener Adler	4,9 km	€ 124	Am Markt 11 74523 Schwäbisch Hall	<a href="#">LINK</a>	+49 791 946 646 80
Hotel smartino	2,5 km	€ 96 - 136	Dolanallee 17 74523 Schwäbisch Hall	<a href="#">LINK</a>	+49 791 856 595 95
Hotel Reber's Pflug	5,3 km	€ 139 - 168	Weckriedener Str. 2 74523 Schwäbisch Hall	<a href="#">LINK</a>	+49 791 931 230
Hotel Scholl	4,9 km	€ 95 - 113	Klosterstraße 2-4 74523 Schwäbisch Hall	<a href="#">LINK</a>	+49 791 975 50

### Facility Parking

There is a € 4.50 per day fee.

### Transportation

The best airport *for international attendees* is Frankfurt am Main (FRA) (<https://www.frankfurt-airport.com/en.html>). >> it is a 2 hours ride to Schwäbisch Hall.

We recommend to rent a car to travel to Schwäbisch Hall.

*For European attendees*, Airport Stuttgart (STR) is also a good destination (<https://www.stuttgart-airport.com/?cl=en>). >> it is a 1,5 hours ride to Schwäbisch Hall

You could take a train or Rental Car. Your final destination should be "Schwäbisch Hall – Hesselental" which is only a 5-minutes-walk to the event location.





## Presentation Information

**Certification of Fans through the AMCA Certified Ratings Program and Eurovent Certita.** Mr. Charles Meyers: Through the memorandum of understanding established between Eurovent and AMCA, a simplified path has been established for certifying fans for use in Air Handling Units. The presentation will outline the overall steps and considerations to make when obtaining certification through the AMCA Certified Ratings Program, in addition to obtaining certification through Eurovent Certita.

**Certification of AHU,** Sylvain Courtey, President of Eurovent Certita Certification (ECC), talks on third-party certification, energy labeling and market surveillance.

**Revision of Fan Regulations in Europe:** Mr. Geoff Lockwood / EVIA Chair WG Fans will provide an update on Ecodesign for fans, and upcoming EU policies of relevance for the fan industry.

**Update on U.S. Fan Regulations Based on Fan Energy Index,** Michael Ivanovich: Completion of the first U.S. efficiency regulation for commercial and industrial fans have finally been completed, first for the state of California, and then for the U.S. Department of Energy test procedure. The DOE energy standard has undergone public review and a final rule will be issued later in 2024. This session describes how the Fan Energy Index has evolved from use building- energy codes to product regulations.

**Future ESPR (Europe):** Mr. Alex Rowlatt / Mitsubishi Electric Europe B.V. Corporate Office will provide a complete overview of the Ecodesign Regulation as companies are facing a growing need to switch to sustainable practices and how companies design and sell their products in the EU. In addition, he will explain what it means and how it affects your business.

**Market Surveillance in Europe:** Mr. Georg Haubelt / Ministerium für Umwelt, Klima und Energiewirtschaft will speak about the role of Market Surveillance Authorities and their cross-border cooperation. He will be analysing the EU market surveillance framework, its gaps, and challenges, as well as cross-border cooperation between market surveillance authorities and collaboration with and among customs authorities for effective consumer protection.

**Retrofit in Refrigeration:** Mr. Andreas Walter / Ziehl-Abegg Global President After Sales & Service will discuss how retrofitting can be a more cost-effective alternative to full replacement for improving an HVAC system's efficiency and performance. We will discuss retrofitting refrigeration systems with newer refrigerants and new solutions. We will describe some of the challenges with modern refrigerants, what they do to system capacity and control, and what needs to be revised on the system to provide optimal control.

**New EPBD/IAQ:** The revised EPBD will include IEQ both in renovation and new buildings. Clean buildings mean healthy indoor air.

**Digitalisation:** Emmanuel Val / Siemens Building Technologies Discover how change of digital technologies in the Heating, Ventilation and Air Conditioning (HVAC) sector has been transformational for the industry, as well as for those who run HVAC systems.

**Aerodynamics and Acoustics:** In this seminar, Prof. Dr.-Ing. Thomas Carolus / Uni Siegen will explore the latest advancements in fan aerodynamics. Gain insights into design methodologies, performance enhancements, and noise reduction strategies. Gather knowledge on practical applications across industries and glimpse future trends in fan technology. The topic will also address acoustics with an understanding fan acoustics, sound measurement and common fan noise reduction methods.

**Motor Technology:** Mario Käpple / ebm-papst, Director – Motor Development will discuss the latest developments in electric motor systems and their energy consumption, energy efficiency policies and programs, international standards, as well as technological and market progress.



## Fine Print

### **Cancellation/ Refund/ Substitution Policy**

A refund of the full conference fee, minus a 50€ administrative fee, will be given for cancellations received by 30 June 2024. AMCA regrets that refunds will not be given for no-shows. All requests for cancellation/refund after 30 June must be submitted in writing by the registrant with appropriate documentation no later than 17 July 2024. After that time, no refund considerations will be made.

Substitutions within this program are gladly accepted. A substitution of your full registration is permitted before the conference by submitting a written request to [rclawson@amca.org](mailto:rclawson@amca.org). Onsite transfers must be accompanied by proof of the original confirmation letter. Only one substitution is permitted per the original registrant. The individual submitting the substitution request is responsible for all financial obligations (any balance due) associated with that substitution. Badge sharing, splitting, and reprints are strictly prohibited.

Use of a discount code is only valid at the time of the initial purchase/registration. Refunds will not be authorized for existing registrations receiving the special offer after the initial purchase. Limit one (1) special offer/discount code per registration.

### **Payment**

All registration payments must be made by credit card and will be made in euros. Payment in full is required to process online registrations. Sponsorship Payments: All sponsorship payments will be invoiced in USD and given be invoiced at the current exchange rate as dated on the invoice. Any invoicing must be paid within 30 days of the date listed on the invoice. Any payments not made within 30 days will be canceled and the attendee must re-register for the event at the current rate voiding any discount code associated with its sponsorship.

### **Consent Clause**

Registration and attendance at, or participation in, AMCA meetings and other activities constitutes an agreement by the registrant to the use and distribution of the registrant or attendees' image or voice in recordings (both live and on-demand), photographs, videotapes, electronic reproductions and audiotapes of such events and activities by AMCA and other third parties, including but not limited to the vendors, the host city, and the host CVB. Your registration may include technology that monitors your activities throughout the meeting, such as session attendance and exhibit booths visited.

**REGISTER NOW!**





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