



1 & 2 November 2022
RDM, Rotterdam, the Netherlands

Proudly sponsored by:  **Alleima**

Heat Exchanger World Conference & Expo Europe

ADVANCE CONFERENCE PROGRAMME



Expo Visitor
Registration



Conference
Registration

heat-exchanger-world-europe.com





Heat Exchanger World Europe Conference and Expo 2022

The Heat Exchanger World Europe Conference & Expo will take place in Rotterdam, the Netherlands. Staged in the RDM, the event brings together end users, engineering companies, designers, fabricators, manufacturers, and heat exchanger builders from across the whole supply chain in a wide range of industries using heat exchangers.

The goal of the event is to facilitate the exchange of knowledge and experience about heat exchanger materials, applications, and innovations, with a clear aspiration to optimise the use of heat exchangers in terms of safety, performance, reliability, and costs with the global marketplace.

Our event will be held in the Rotterdamsche Droogdok Maatschappij (RDM), Rotterdam's most famous shipyard; previously used to build ships and submarines, the space is now a lively hub for technical innovations.



What to expect:

- ✓ Build connections with experts and peers to gain and improve knowledge
- ✓ Further develop end-user understanding of specialist equipment
- ✓ Promotion of new products and projects
- ✓ Updates on the latest developments and best practises in industrial heat exchange
- ✓ A look to the future of the supply chain and the changing needs of the industry
- ✓ Expand business networks and direct business-to-business opportunities

Heat Exchanger World Europe is the perfect opportunity for sharing new industry developments; we look forward to seeing you there!

Welcome from Heat Exchanger World Editor and Conference Coordinator, Ellie Pritchard

It is my pleasure to present our Heat Exchanger World Europe Advance Conference Programme 2022. After much planning and organisation, I am looking forward to finally meeting our heat exchanger community in person at our much-anticipated event. Our technical conference is designed to facilitate knowledge-sharing and new opportunities among the heat transfer industry.

This advance conference programme showcases some of the plans we have in store, from the conference rooms to the expo floor to the evening's social schedule. I hope that you enjoy these two days of learning, networking, and opportunity.

Yours faithfully,
Ellie Pritchard

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Conference highlights

Our conference programme hosts a wealth of knowledge and learning opportunities presented by industry experts, researchers, and end-users.

Of particular interest will be our three interactive workshops:

Workshop: Heat exchangers connecting industry together

Tuesday 1 November,
09:45 – 11:15

This workshop will be led by Alleima's Barinder Ghai but also includes representation from Shell Projects & Technology and Kelvion. In this session, the panel will discuss the current challenges heat exchangers face, including design, fabrication, material selection, supply chain issues, standardisation, and more.

An excellent introduction to this technical conference, this workshop is not to be missed.

Workshop: Duplex applications - Cooling water in the process industries

Tuesday 1 November,
15:30 – 17:00

In this session, led by Mark van den Broek of Fluor, the role of Duplex in cooling applications will be discussed. The panel will consist of Fluor and Alleima representatives, and will present on the essential limits of the material and its suitability for cooling water applications. Demonstrating the synergy between our event and Duplex World Seminar & Summit, this session will be of great interest to visitors to both events.

Workshop: Welding of heat exchangers

Wednesday 2 November,
15:00 – 16:30

This final workshop will be led by Raymond Cordewener, welding expert and independent consultant. In conversation with Groupe Ortec and Polysoude, this session will address some of the challenges of welding heat exchangers and discuss some of the new developments in this sector.

The experience on offer in this panel makes it a must-see closing session, and will no doubt spark conversation beyond the conference room.



About the Sponsor



It is a privilege to have Alleima as the sponsor for the inaugural Heat Exchanger World European Conference and Expo 2022. The company's support has been integral to the success of this event, and we are grateful for the enthusiasm and experience of the Alleima team.

In partnership with its customers, Alleima jointly develops materials that meet the challenges of the future. As a world-leading developer and manufacturer of advanced stainless steels and special alloys, its materials solutions contribute to a customer's productivity, process reliability, and cost-efficiency.

Formerly known as Sandvik Materials Technology, the company believe its new name Alleima captures the core of what it does, its history, and its unique capabilities. Building upon 160 years of experience, Alleima will advance processes and applications in the most demanding industries and enable customers to become more efficient, profitable, safe and sustainable.

Learn more about Alleima and its solutions via: <https://www.alleima.com/en/>

Heat Exchanger World 2022

Conference Programme

Day 1 - Tuesday 1 November

08:30 Exhibition floor opens

09:30 Welcome by Ellie Pritchard, Heat Exchanger World Editor and Conference Coordinator

09:45 09:45 – 11:15

Workshop: Heat exchangers connecting industry together

Moderator: Barinder Ghai

Workshop members: Barinder Ghai, Alleima; Jos Kaandorp, Shell Projects & Technology; Len Zoetemeijer, Independent Consultant; and Nicolas Bilbault, Kelvion.

Topics to be addressed:

- A brief overview and applications
- Major challenges within the heat exchanger supply chain at present?
- What are the challenges with using heat exchangers?
- Shift in materials
- Design standardization and replication



11:15 Coffee and networking on the exhibition floor

11:40 11:40 – 13:30

Session: Cleaning of heat exchangers

- Advantages of automation in heat exchanger cleaning. *Willem Olgers, Peinemann Equipment*
- Low pressure methods to clean heat exchangers – something unique. *David Bokov, Goodway Benelux*
- Thermal cleaning of heat exchangers: no alternative but a better way to clean. *Robert Mol, Thermo-Clean Group*
- Self-cleaning fluidized bed heat exchangers; proven solution for up to zero fouling operation. *Marco van Beek, Klaren International*

13:30 Lunch break and networking on the exhibition floor

15:00 15:00 – 15:20

Session: Repair and maintenance

- Heat exchanger tube plugging relative to the Pressure Equipment Directive 2018/64/EU and compliance to ASME PCC-2 Article 312. *Ron de Rijk, EST Curtiss Wright*

15:30 15:30 – 17:00

Workshop: Duplex applications - Cooling water in the process industries

Moderator: Mark van den Broek

Workshop members: Mark van den Broek, Fluor; Jonas Höwing, Alleima; Jan-Willem Rensman, Fluor.

Topics to be addressed:

- Duplex materials for water cooled heat exchangers
- Material design limits for duplex heat exchangers
- Tube to tube-sheet welded joints with duplex tubes



17:00 Networking drinks on the exhibition floor

18:00 Networking dinner onboard SS Rotterdam – ticketed event

Day 2 - Wednesday 2 November

08:30 Exhibition floor opens

09:30 09:30 – 11:00

Session: Corrosion and fouling in heat exchangers

- Heat-cured phenol coating for corrosion protection and fouling mitigation. *Daniel Eras, CP Phenolics*
- Using continuous helical flow to reduce fouling. *Volker Metzger, Watlow*
- Prevention of fouling using DLC coatings in shell and tube heat-exchangers. *Albert Angerbauer et al., University of Applied Sciences of Upper Austria*
- Corrosion, scaling, and leaching - best practices for happy ownership. *Marion Karlsson Faudot, SWEP*



11:00 Coffee and networking on the exhibition floor

11:30 11:30 – 12:30

Session: Heat Exchanger design

- A new cold-end heat exchanger for fired heaters for an exhaust temperature reduction below acid dew point. *Jens Kitchofer, APEX Group*
- Solid heat exchanger for flowable bulk goods. *Dr. Winfried Dallmann, Heinz Gothe GmbH & Co. Ltd.*
- Graphite Compound – the perfect solution for heat transfer surfaces in corrosive environments. *Markus Swetlik, Technoform*

12:30 Lunch break and networking on the exhibition floor

13:45 13:45 – 14:30

Session: Materials

- Why choose plastics in preference to stainless steels. Plastic heat exchangers - solution for chemical corrosion and stick. *Erwin Volkers, Polyfluor Plastics*
- Plate heat exchangers and the growing demand for high nickel alloys and titanium. *Stig Holm, Q-Metal, Harald Pihl*

14:30 Coffee and networking on the exhibition floor

15:00 15:00 – 16:00

Workshop: Welding of heat exchangers

Workshop members: Loïc Amadu, Groupe Ortec; Kees Meurs, Polysoude.; Raymond Cordewener, Independent Consultant

Topics to be addressed:

- The challenges of welding heat exchangers
- Welding of Duplex stainless steels
- New welding developments
- Temperature control



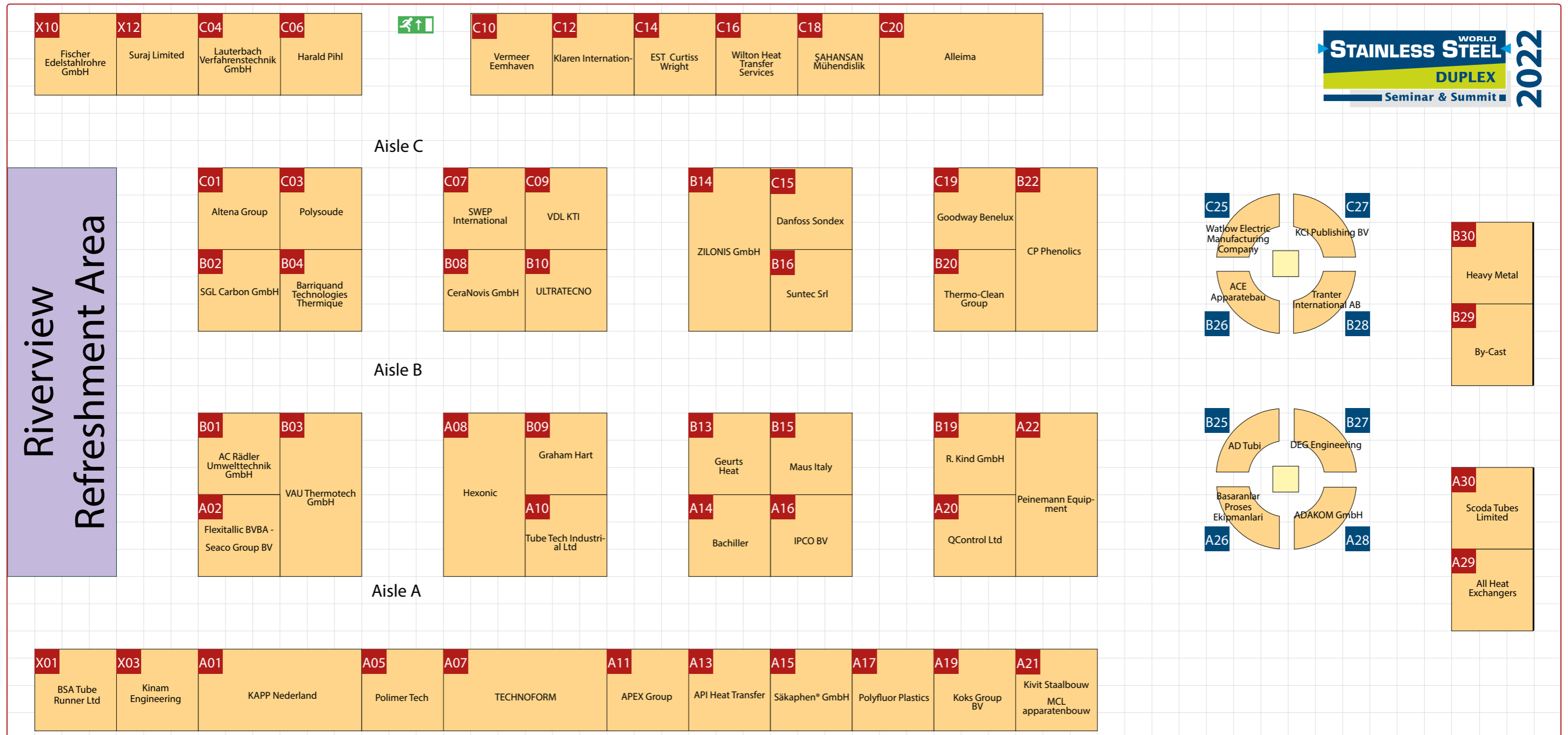
The organisers of this event have carefully compiled the information in this programme to the best of their knowledge at the time of printing. The conference timetable may still be subject to some changes or updates in the coming time; readers and prospective visitors are invited to regularly check our event websites for the most up to date information.



Heat Exchanger World Conference & Expo 2022 Europe Floorplan

1 & 2 November 2022 RDM, Rotterdam, the Netherlands

Proudly sponsored by: Alleima



Last update: 19 October 2022

For more information please contact Mr Kamiel van Wijk: k.v.wijk@kci-world.com Tel: +31 575 585 289
 KCI Publishing - Leeuwenbrug 95, 7411 TH Deventer, the Netherlands

Expo Information

The Heat Exchanger World Expo 2022 will be a meeting ground between those working in every field of the heat transfer supply chain. It will be tailored toward providing direct business-to-business and networking opportunities, and will welcome the diversity of global knowledge from exhibitors, visitors and conference delegates, which we hope will contribute to expanding the understanding and knowledge necessary for future industry growth.



If you want to see the latest technologies and developments on display and glean information about how you can best improve your industrial competitiveness, then the expo is the place where you can meet experts who can turn your strategic plans into reality.

Expo highlights:

- ◆ Representation from a broad range of companies from Europe and beyond
- ◆ The event will attract the full spectrum of the heat exchanger supply chain: manufacturers, end-users, researchers, engineers, etc
- ◆ Rotterdam is the industrial heart of the Netherlands, the home away from home for many industries
- ◆ With the conference rooms located close to the exhibition floor, delegates, exhibitors and visitors are free to meet and mingle.
- ◆ Don't forget: your ticket also gives you access to the co-located Duplex World exhibition, conveniently hosted in the same exhibition hall.



Floorplan:
<https://heat-exchanger-world-europe.com/exhibition/floorplan/>



Exhibitor List:
<https://heat-exchanger-world-europe.com/exhibition/exhibitor-list/>



Visitor Registration:
<https://heat-exchanger-world-europe.com/exhibition/visitor-registration/>

Networking Dinner

A particular highlight of the event will be our Networking Dinner, taking place on the evening of Tuesday 1st November. Hosted onboard the SS Rotterdam, we invite you to an evening of great food, entertainment and, most importantly, opportunities to solidify those business connections made during the day's events.



With the skyline of Rotterdam as the backdrop, the dinner presents a chance to mingle with those you may not have had the chance to meet already, such as our conference presenters and workshop panelists.

As the former flagship of the Holland-America Line, the SS Rotterdam has been collecting stories since 1958. A unique venue full of authentic details and easily accessible via our pre-arranged shuttle bus service, the ship is also a floating hotel.



Register for our Networking Dinner:
<https://heat-exchanger-world-europe.com/conference/networking-dinner/>



Exchange what matters – in a relaxed and social atmosphere!

Duplex Seminar & Summit 2022

Our Heat Exchanger World European event will be held alongside Duplex World Seminar & Summit! Also held at the RDM on 1 & 2 November, Duplex World is a dynamic and interactive event with a strong focus on personal interaction, coupled with a high-quality technical seminar program. Duplex World unites researchers, manufacturers, end-users and suppliers in an open and focused forum. A ticket to Heat Exchanger World Conference & Expo Europe grants access to both exhibitions!



DUPLEX WORLD Seminar & Summit

1 & 2 NOVEMBER 2022
 RDM ROTTERDAM, THE NETHERLANDS

Sponsored by:



Travel and booking information

How to reach us

Address:
RDM Onderzeebootloods
RDM-straat 1
3089 JS Rotterdam



By car:
Leave the A15 motorway (Ring Rotterdam Zuid) at exit 18, Heijplaat. At the top of the exit, follow the signs for Heijplaat / Havens 2250-2750 on Reeweg, bearing left onto Waalhavenweg. From here, follow the signs for RDM Rotterdam, which takes you to Heijplaatweg (via Droogdokweg).
Parking for RDM Onderzeebootloods [Submarine Wharf] at RDM-straat no. 1 is in parking area C.

By public transport:
The easiest way to navigate the public transport around Rotterdam is to download either the NS app for train connections or the 9292 app for information regarding all forms of public transport including tram, metro, train, and bus.

Alternative options:
The RDM Onderzeebootloods can also be reached by Rotterdam's unique water taxi service. On fair weather days, the small but speedy boats can carry between 8-12 people from around 50 locations up and down the Nieuwe Maas river, covering Rotterdam and Schiedam.
Download the app or check the water taxi website for more information: www.watertaxirotterdam.nl







Hotel bookings

Heat Exchanger World recommends all participants to the Heat Exchanger World Conference & Expo to book their hotel via the event's official housing agent Preferred Hotel Reservations, for the best choice of hotels, best rates and free cancellation up to 48 hours prior to arrival at most hotels.

All booking information can be found on the Hotel Booking tab of our website, or via this QR code:



Registration options:

<p>Full 2-day Conference Ticket</p> <ul style="list-style-type: none"> ◆ 2 days participation in all conference sessions and workshops ◆ All conference proceedings online (password protected) ◆ 2 days unlimited access to the Heat Exchanger World exhibition ◆ 2 days access to Duplex World Seminar & Summit, located in the same venue ◆ 2 days lunch and refreshments ◆ One form per conference registration to be submitted. 	<p>€ 549,00</p> 
<p>Full 1-day Conference Ticket (1 or 2 November)</p> <ul style="list-style-type: none"> ◆ 1 day participation in all conference sessions and workshops on your chosen day ◆ All conference proceedings from your chosen day online (password protected) ◆ 1 day unlimited access to the Heat Exchanger World exhibition ◆ 1 day access to Duplex World Seminar & Summit, located in the same venue ◆ 1 day lunch and refreshments ◆ One form per conference registration to be submitted. 	<p>€ 349,00</p> 
<p>2 Day Exhibition Visitor Pass</p> <ul style="list-style-type: none"> ◆ Two days of access to the Heat Exchanger World Europe exhibition ◆ Two days of access to the Duplex World exhibition ◆ Two days lunch and refreshments <p><i>NOTE: DOES NOT INCLUDE ACCESS TO THE CONFERENCE</i></p>	<p>€ 45,00</p> 
<p>1 Day Exhibition Visitor Pass (1 or 2 November)</p> <ul style="list-style-type: none"> ◆ One day of access to the Heat Exchanger World Europe Exhibition ◆ One day of access to Duplex World Exhibition ◆ One day lunch and refreshments <p><i>NOTE: DOES NOT INCLUDE ACCESS TO THE CONFERENCE</i></p>	<p>€ 25,00</p> 

For end-users, EPC contractors or students, you are invited to contact Mrs Clotilde Straatman by email (c.straatman@kci-world.com) directly to discuss our special rates.



Exchange What Matters

heat-exchanger-world-europe.com

