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# HEAT EXCHANGER WORLD EUROPE CONFERENCE & EXPO

*6 & 7 May, 2026  
Rotterdam Ahoy, the Netherlands*

## ***Advance Conference Programme***

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# HEAT EXCHANGER WORLD EUROPE CONFERENCE & EXPO 2026

*The Heat Exchanger World Europe Conference & Expo will take place in Rotterdam, the Netherlands, on 6<sup>th</sup> and 7<sup>th</sup> May 2026. Staged in Rotterdam Ahoy, the event brings together end users, engineering companies, designers, fabricators, manufacturers, and more from across the whole supply chain in a wide range of industries using heat exchangers.*



## MEET OUR CHAIRPERSON:

**Dr. Anal Chavan - Lead Utilities Technologist, LNG Canada**

It is an honour to serve as Chairwoman of the Heat Exchanger World – Conference & Expo Europe 2026. Heat exchangers are vital across many industries yet often receive less attention than they deserve. Heat exchangers, which typically sit at the interface between process and utilities, face numerous design, operational, and maintenance challenges. HX World conference is the only conference which is dedicated to this important piece of equipment cutting across various industries. This conference not only provides a platform for technical experts and industry professionals to share presentations and innovations but also features an exhibition showcasing the latest products and advancements in heat exchanger design, materials, coatings, testing, inspection, and cleaning.

This platform provides an excellent opportunity to exchange ideas, share insights, discuss challenges and connect with leading professionals in the industry. As the world is moving towards digitalization, energy transition and net zero emissions, this conference will also cover topics on optimizing process efficiencies through digital twin/AI, decarbonization strategies etc. The conference includes expert panel discussion and sessions with technical workshops to highlight the most relevant topics in heat exchanger Industry.

With all the planning in place and the valuable experience gained from the HX World Conference & Expo 2024, I'm truly excited to welcome you all to this remarkable event. Let's come together to explore innovative solutions and drive progress within our respective fields.

## MEET OUR CO-CHAIR:

**Roy Niekerk - Director Heat Exchangers, Lummus Technology**



It is my pleasure to welcome you to the Heat Exchanger World Europe Conference, this time as Vice Chairman. Having participated in the previous edition, I can confidently say that this year's program promises to be just as exciting, insightful, and diverse — with topics that reflect the dynamic evolution of our industry.

Heat exchangers remain indispensable across sectors such as petrochemicals, refining, and oil & gas. No process can function without them. After more than 24 years working in heat exchanger technology, I continue to be amazed by the pace of innovation. New designs, materials, and applications are constantly emerging — proving that there is still much to explore and many challenges to solve.

Today, the energy transition and the push for lower carbon footprints are driving the need for greater efficiency in industrial processes. Technologies like artificial intelligence are opening revolutionary pathways for designing and monitoring heat exchangers. The innovations in our field are abundant — and often, it seems that imagination is the only limit.

This conference brings together leading experts in heat transfer, fabricators, and — importantly — end-users. It's a unique opportunity to engage in meaningful discussions, not only through the presentations but also during networking moments over coffee and lunch.

I encourage you to contribute your insights, ask questions, and share your experiences.

I look forward to meeting you in Rotterdam and to another inspiring edition of Heat Exchanger World Europe.



## HEAT EXCHANGER WORLD CONFERENCE 2026 STEERING COMMITTEE

*Our 2026 Conference is headed by a panel of experts representing the heat transfer industry, from end users to manufacturers to service providers. With their combined knowledge and experience, the Heat Exchanger World Steering Committee will work to ensure that the conference programme is engaging, topical, and full of technical insights.*



**Chairwoman:**

Dr. Anal Chavan - Lead Utilities Technologist, LNG Canada



Barinder Ghai - Director Technical Marketing, Alleima



Jeroen van Ruitenbeek – Managing Director, Kapp Nederland



**Co-chair:**

Roy Niekerk - Director Heat Exchangers, Lummus Technology



Dr. Yassar Ghanimi - Head of R&D Services, Group Quality and Safety Management, Andritz AG



Isidro Garnica Tapia - Planning & Support Unit Supervisor, Technical Services Department, Aramco Europe



Abdollah Bayati - Heat Transfer Subject Matter Expert, McDermott



John Houben - Principal Welding and Surface Modification Engineer, ExxonMobil



Dr. Ing. Hans Zettler – President, HTRI



Aishwarya Chaudhari - Head of Mechanical Engineering, Vulcan Energy



Himanshu Joshi - Heat Exchanger and Fouling Consultant, formerly Shell



Florian Deichsel - Group Lead Heat Exchanger Technology, Linde



Sravani Murtinty - Manager - Heat Exchangers, Rolls-Royce SMR

## MEET OUR SPONSORS!

*Heat Exchanger World Europe Conference & Expo 2026 is proudly sponsored by a global range of companies, spanning from Europe to India. We are so grateful for the support of each of our sponsors, who provide valuable expertise and knowledge to our event. Get to know our sponsors!*



Alleima is a leading manufacturer of high-value-added products in advanced stainless steels, special alloys, and products for industrial heating. Based on long-term customer partnerships and leading materials technology, the company advances processes and applications in the most demanding industries. With more than 900 active alloy recipes, Alleima’s product range offers seamless stainless tubes, electric heating technology & resistance materials.

Learn more at: <https://www.alleima.com/>



Heavy Metal & Tubes (India) Pvt. Ltd. specialises in seamless carbon and alloy steel tubes/pipes, as well as stainless steel seamless and welded variants. Their products are largely used in shell & tube heat exchangers, but also find use in air-fin coolers, boilers, condensers, and more. Proud to be an Indian company, Heavy Metals has a global customer base.

Learn more at: <https://hmtl.in/>



# Wednesday 6 May

Conference room 1	
9:00	<b>Exhibition floor opens</b>
9:45	<b>Welcome by Conference Chairperson Dr. Anal Chavan, LNG Canada</b>
10:00	<b>Keynote 1:</b> European energy storage inventory and its role in the future of energy transition, <i>María Isabel Gonzalez Cuenca, European Commission</i>
10:30	<b>Keynote 2:</b> Heat Exchangers in nuclear small modular reactors (SMRs): How we design, modularise, and conduct maintenance/inspection activities around the modular construction, <i>Sravani Murtinty, Rolls-Royce SMR</i>
11:00	<b>Coffee &amp; Expo Break</b>
	<b>Conference room 1</b>
	<b>Conference room 2</b>
11:30	<b>Session: Design and modelling (CFD)</b>
	<b>Session: Digitalization</b>
	<b>Session Chair:</b> <i>Isidro Garnica Tapia, Aramco Europe</i>
	<b>Session Chair:</b> <i>Sravani Murtinty, Rolls-Royce SMR</i>
	Cost and size optimization of crossflow heat exchangers: A performance-based approach, <i>Rene Quist, Linde GmbH</i>
	Unlocking operational excellence through digital innovation in heat exchanger services, <i>Iuri Bazalia, Tranter</i>
	Designing plate and shell heat exchangers for reboiler and vaporizer applications, <i>Valtteri Haavisto, Vahterus</i>
	Optimizing process efficiency with digital twins for air-cooled heat exchangers, <i>Niels Bergsma, Hexwise</i>
	Experimental and numerical investigation of rotating inserts in heat exchangers: Reducing fouling and enhancing heat transfer with pressure drop penalty mitigation, <i>Yousef Al-Maqaleh, IFP Energies Nouvelles</i>
	Use of digital models of heat exchanger networks to optimize process plant efficiency, <i>Huzaiifa A Jetpurwala, Dolphin Oilfield Equipment Services LLC</i>
	ASME VIII pressure boundary bolted joint design method complete revision, <i>Alex Berry, Integrity</i>
	Microchannel-structured high-efficiency liquid cooling plate (MLCP) for high-power electronic devices, <i>Zach Shen, Shenshi Technology</i>
13:00	<b>Lunch &amp; Expo Break</b>
14:00	<b>Session: Sustainability and emerging technology</b>
	<b>Session: Heat exchanger operations</b>
	<b>Session Chair:</b> <i>Jeroen van Ruitenbeek, KAPP Nederland</i>
	<b>Session Chair:</b> <i>Florian Deichsel, Linde</i>
	Advanced heat exchanger systems for sustainable waste water concentration, <i>Arnold Kleijn, HRS Heat Exchangers</i>
	Prediction of two-phase levels in kettle reboilers: Preventing dry-out and liquid entrainment, <i>Rene Quist, Linde GmbH</i>
	Optimizing biofuels heat exchangers: Material selection, fabrication, and decarbonization strategies for renewable refineries, <i>Barinder J. S. Ghai, Alleima, Patrick Van Roy, Group COEK</i>
	Refining batch heating design: Smarter steam use for efficient heat exchanger performance, <i>Martin Ros, sweco</i>
	Improving heat exchanger functionality with quantum mechanics technology to achieve net zero, <i>Robert Bender, North America Water Technology, Inc.</i>
	Technology update: The next generation of Helixchanger® heat exchangers, <i>Roy Niekerk, Lummus Technology</i>
15:30	<b>Coffee &amp; Expo Break</b>
16:00	<b>Session: Maintenance and fabrication</b>
	<b>Session: Heat exchanger applications</b>
	<b>Session Chair:</b> <i>John Houben, ExxonMobil</i>
	<b>Session Chair:</b> <i>Roy Niekerk, Lummus Technology</i>
	How tube-to-tube sheet welds impact wall reduction, <i>Brandon Fultz, Elliott Tool Technologies</i>
	Glass-lined heat exchangers – From design and application to recycling, <i>Christian Stentzel, THALETEC GmbH</i>
	Crack of 2¼Cr-1Mo welds and fabrication improvement for boiler feed water preheaters in high-temperature hydrogen service, <i>Nur Athirah Ishar, M Norshisyam Awang, Petronas</i>
	R744 (CO <sub>2</sub> ) heat exchangers for automotive applications, <i>Fadil Ayad, Thermal Design Solutions</i>
	Answering industry's call for pressure test safety, <i>Charles Byrne, Graham Hart Process Technology</i>
	Overcoming the limitations of metal PHE plates, <i>TBD, Relieved AB</i>



# Thursday 7 May

Conference room 1	
9:00	<b>Exhibition floor opens</b>
10:00	<b>Keynote 3: TBD</b>
10:30	<b>Coffee &amp; Expo Break</b>
Conference room 1	Conference room 2
11:00	<b>Session: Material selection and corrosion</b>
	<b>Session Chair:</b> <i>Barinder Ghai, Alleima</i>
	SAF 3006 (UNS S83071) new super duplex stainless steel, welding tests, mechanical and corrosion results using different welding filler metals for acidic heat exchangers, <i>Bernardo Siza Vieira, Alleima</i>
	Highly filled graphite-PPS composites for fouling-resistant plate heat exchangers: thermal, mechanical and surface property analysis, <i>Simon Ettmüller, RPTU Kaiserslautern-Landau (Laboratory of Reaction and Fluid Process Engineering)</i>
	TBD
	Thermal heat exchanger cleaning, <i>Robert Mol, Thermo-Clean Group</i>
	Higher reliability and faster opening with The Next Generation of Breech-Lock, <i>Marco Brignone, Lummus Technology</i>
	Addressing the limitations of HEX maintenance with safe and cost-effective organic descaling solutions, <i>Ken Marko, Wheelhouse Industries LLC</i>
12:00	<b>Lunch &amp; Expo Break</b>
	<b>13:00 HTRI Workshop: Introduction to Xchanger Suite</b>
13:30	<b>Session: High-efficiency HEX enhancement technologies</b>
	<b>Presenters:</b> <i>Hans Zettler, President, and Andy Mountford, Senior Consulting Engineer, HTRI</i>
	<b>Session Chair:</b> <i>Ahmad Al Afandi, Saudi Aramco</i>
	Integrated maintenance to preserve and repair shell&tube heat exchangers in air conditioning chillers, <i>Lorenzo Comel, G.M.A. SRL</i>
	Realizing efficiencies: Nanocomposite protective coatings for heat exchangers in downstream refineries, <i>Sumil Thapa, Oceanit Laboratories, Inc.</i>
	High-efficiency heat exchanger design and enhancement for waste heat recovery and decarbonisation, <i>Nathan Hill and Matthew Keen, CALGAVIN</i>
	<i>Xchanger Suite — considered to be the most advanced thermal process design and simulation software—rates, simulates, and/or designs a variety of heat transfer equipment. HTRI's calculation methods are backed by over half a century of applied research and data collected on industrially relevant heat transfer equipment.</i>





## DUPLEX WORLD & HEAT EXCHANGER WORLD EUROPE EXHIBITION 2026

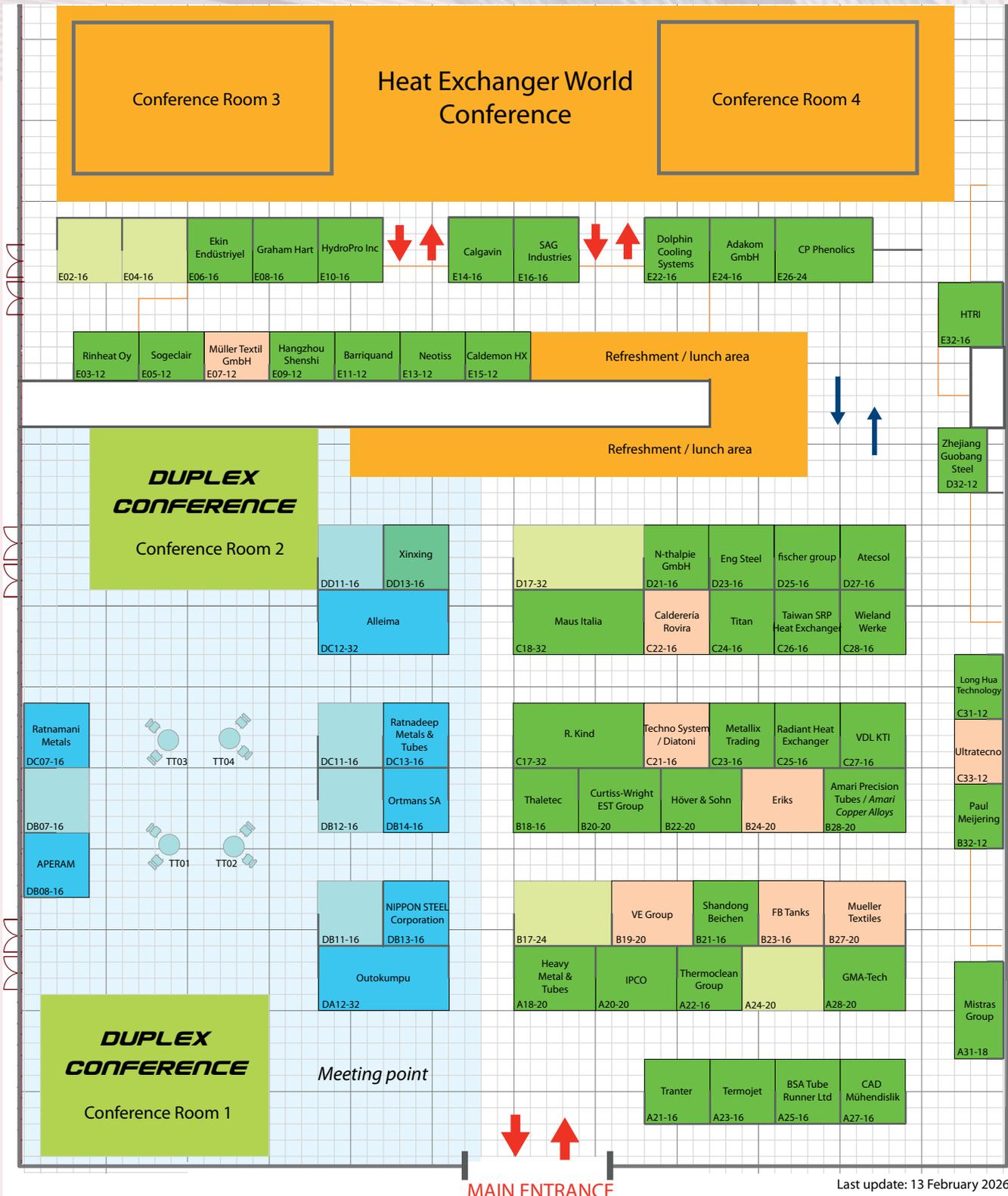
6 & 7 May 2026  
Rotterdam Ahoy, the Netherlands



Heat Exchanger World 2026 is proudly sponsored by



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Last update: 13 February 2026



## EXPO INFORMATION

The Heat Exchanger World Expo 2026 is a meeting ground for those working in every field of the heat transfer supply chain. It is tailored toward providing direct business-to-business and networking opportunities and will welcome a 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.



## 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

## OUTSTANDING NETWORKING

Heat Exchanger World Europe is an interactive event where suppliers, manufacturers, end-users and researchers meet to discuss practical experiences, innovations and new applications. With the conference rooms located on the exhibition floor, delegates, exhibitors and visitors are free to meet and mingle.



## EXHIBITION STANDS

Stands provide the ideal platform to showcase your company's products, services and activities and facilitate direct B2B activity. Benefit from the attention of the engineers, procurement managers, and decision-makers present.

- Prices:**  
 Row stand: €300/m<sup>2</sup>  
 Corner stand: €375/m<sup>2</sup>

## TWO EVENTS IN ONE LOCATION



Our Heat Exchanger World European event will be held alongside Duplex World Conference & Expo!

Also held at the Rotterdam Ahoy on 6 & 7 May 2026, 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 stainless steel researchers, manufacturers, end-users and suppliers in an open and focused forum. One ticket gives access to both events!

For information on exhibiting at Heat Exchanger World Europe and Duplex World, contact:



Mr Sjoerd Hesseling  
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 www.stainless-steel-world-duplex.com



# CONFERENCE & EXHIBITION REGISTRATION

## CONFERENCE TICKETS

<p><b>Full 2-day Conference Ticket</b></p> <ul style="list-style-type: none"> <li>• 2 days participation in all conference sessions and workshops</li> <li>• All conference proceedings online (password protected)</li> <li>• 2 days unlimited access to the Heat Exchanger World exhibition</li> <li>• One form per conference registration to be submitted.</li> </ul>	<p>€495</p>
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## EXHIBITION VISITOR TICKETS

<p><b>Expo Visitor Pass</b></p> <ul style="list-style-type: none"> <li>- Access to the full two days of Heat Exchanger World Europe Expo</li> <li>- Access to the full two days of Duplex World Expo</li> </ul> <p><i>DOES NOT INCLUDE ACCESS TO THE CONFERENCE</i></p>	<p>€30</p>
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Scan this code to go to the registration page




*Heat Exchanger World Europe will be held at the Rotterdam Ahoy event space in Rotterdam, the Netherlands.*

**Location:**  
 Rotterdam Ahoy  
 Ahoyweg 10  
 3084 BA Rotterdam  
 The Netherlands

