

# Advance Conference Programme



# STAINLESS STEEL WORLD Conference & Expo

# 2023

## 26 - 28 September 2023

MECC Maastricht, The Netherlands

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[www.stainless-steel-world-event.com](http://www.stainless-steel-world-event.com)



## Join us at Stainless Steel World Conference & Exhibition 2023!

Stainless Steel World is the premier international forum for exchanging knowledge and experience in the manufacture and application of stainless steels. The event contributes to a better understanding of recent trends in new alloy developments, welding, fabrication, surface treatment and materials specification.

Interactive conference sessions will focus on new alloy developments, welding, additive manufacturing, emerging applications for stainless steels and their contribution to sustainability. Presentations will cover high-temperature applications, corrosion, duplex and manufacturing developments. This year's particular focus is the use of stainless steel in green energy technologies. Furthermore, a panel of stainless experts will be on hand to solve your technical issues at the conference and on the expo floor, where a whole spectrum of social events will occur.

The conference offers an excellent opportunity for researchers, corrosion specialists, welding engineers, sustainability specialists, designers, manufacturers, stockists and other professionals to network, share experiences and do business.

### Focus on Sustainability Day

Wednesday September 27<sup>th</sup>

Sustainability is the keyword these days and companies are taking major initiatives in the area of sustainable stainless steel production, processing and use. Recognizing the goals of the energy transition, the stainless steel industry is already developing and applying innovative technologies to tackle the low-carbon challenge. In recent years in particular, many stainless steel companies have initiated major projects towards decarbonization, with the aim of becoming carbon neutral by 2050.

To facilitate the essential sustainability conversation during the Stainless Steel World Conference & Expo 2023, Stainless Steel World will host a 'Focus on Sustainability Day' on Wednesday 27 September 2023.

- In the morning the Conference will incorporate a program of conference sessions dedicated to the technical and strategic approaches implemented by companies who aim to produce and use stainless steel with a minimal carbon footprint.
- In the afternoon, the Sustainability Forum will host a selected group of companies who will present and discuss their initiatives in the areas of sustainable stainless steel production, processing and usage.

The Sustainability Forum will be formatted as an open-access forum to facilitate essential engagement from the assembled audience of stainless steel industry professionals. So take the opportunity to join this free open access sustainability discussion.



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### Meet the Chairman

Willem Maarten van Haften, Senior Research Engineer Materials & Corrosion, Shell, The Netherlands

"It is an honour to be your chairman this year and together with the Steering Committee, we have a fantastic event in the making. Each day starts with plenary lectures addressing global, broader aspects of the stainless steel industry. These lectures will provide food for thought as to how crucial end-user markets and the stainless steel industry will develop in the near future. Workshops and technical sessions are to follow, focusing on more hands-on topics."

"There will be plenty of opportunities to exchange ideas with fellow delegates and the presenters. After all, the Stainless Steel World Conference is an excellent networking event, designed to meet up with old acquaintances or come into contact with new members of the global stainless steel community."

"I'm looking forward to meeting you at Stainless Steel World Conference & Expo!"

Sincerely, Willem Maarten van Haften, Senior Research Engineer Materials & Corrosion, Shell, The Netherlands



### International Steering Committee

The Stainless Steel World Steering Committee comes together to share knowledge, experience and insight in order to create a conference that is both topical and industry-relevant. The committee spans all sectors of the stainless steel industry, and many corners of the globe – this means that our committee aims to be representative and inclusive.



**Jacko Aerts**  
dsm-firmenich, the Netherlands



**Svein Prestrud Astad**  
Equinor ASA, Norway



**Andrew Balev**  
Centravis Production Ukraine – PJSC., Ukraine



**Raymond Cordewener**  
R. Cordewener Management & Consultancy, the Netherlands



**Wenbu Dong**  
Baowu, China



**Roger Francis**  
Nickel Institute, United Kingdom



**Barinder J S Ghai**  
Alleima, United Kingdom



**Joelle Greenwood**  
Salzgitter Mannesmann Stainless Tubes, France



**John Houben**  
ExxonMobil Research and Engineering Materials, Engineering Section Rotterdam, the Netherlands



**Kiyo Ichikawa**  
KCI Publishing BV, the Netherlands



**Markus Kind**  
Rolf Kind GmbH, Germany



**Nicole Kinsman**  
IMO, Switzerland



**Thomas L. Ladwein**  
Steinbeis Transferzentrum Korrosion und Werkstoff, Germany



**Hervé Marchebois**  
TotalEnergies, France



**Mamoru Nagao**  
Maruichi Stainless Tube Co. Ltd., Japan



**Sunday Chukwudi Okoro**  
Grundfos, Denmark



**Samarth Patel**  
Scoda Tubes Ltd., India



**Sayee Raghunathan**  
Saudi Aramco, Saudi Arabia



**Jan-Willem Rensman**  
Fluor, the Netherlands



**Raquel Rodriguez**  
Tubacex Group, Spain



**Iris Rommerskirchen**  
Rommerskirchen GmbH, Germany



**Christian Schenk**  
H. Butting GmbH & Co. KG, Germany



**Yuhei Suzuki**  
NIPPON STEEL Europe GmbH, Germany



**Peter van Gansewinkel**  
Brück GmbH, Germany




**Jan van de Wetering**  
Nobian, the Netherlands



**Lena Wegrelius**  
Outokumpu Stainless AB, Sweden



TUESDAY 26 September	
09:45	<b>Opening: Stainless Steel World</b>
09:50	<b>Welcome: Willem Maarten van Haften, Shell, The Netherlands</b>
10:00	<b>Plenary Session 1: Brilliant Failures: Working together, failing together, learning together;</b> Paul Iske, founder of the Institute of Brilliant Failures, The Netherlands
10:30	<b>Plenary Session 2: Opportunities for stainless steel in the energy transition,</b> Marc Wilms, Shell, The Netherlands
11:00	<b>Coffee &amp; Expo Break</b>
Conference Arena 1	Conference Arena 2
<b>Paper Session: High-temperature applications &amp; materials</b> <i>Session Chair: Barinder Ghai, Alleima, UK</i>	<b>Paper Session: Corrosion</b> <i>Session Chair: Markus Kind, Ralf Kind GmbH, Germany</i>
11:30 Should high temperature stainless steels be stress relieved?, Jan-Willem Rensman, Fluor BV, The Netherlands	Avoiding corrosion of marine exhaust scrubbers, Roger Francis, Nickel Institute, UK
11:55 Resistance to stress relaxation cracking of UNS S34752, Shinnosuke Kurihara, NIPPON STEEL Corporation, Japan	Investigation of the under-deposit corrosion susceptibility of stainless steels in seawater, Julien Pellé, Institut de la Corrosion, France
12:20 Opportunities for different ferritic stainless steels in high temperature automotive applications, Muhammad Yasir, FORVIA, Germany	Corrosion screening of stainless steel weld microstructures with a novel bipolar electrochemistry technique, Dirk Engelberg, The University of Manchester, UK
12:45 Effect of boron element on the reducing of the severity of coil break defects in Saba Steel Company products, Jamshad Jamshidian, Mobarakeh steel company, Iran	Effects of a small presence of sigma phase localized in the center of the thickness on corrosion resistance for stainless austenitic steels; illustrated by the medium alloyed austenitic steel, 725LN., Jan Y Jansson, Outokumpu Stainless AB, Sweden
13:10 <b>Lunch &amp; Expo Break</b>	
<b>Paper Session: Duplex / Super duplex</b> <i>Session Chair: Iris Rommerskirchen, Rommerskirchen GmbH, Germany</i>	<b>Open Discussion: Applications</b> <i>Moderator: Jacko Aerts, dsm-firmenich, The Netherlands</i>
14:00 The vacuum brazing of super duplex stainless steels, Rodney Rice, Langley Alloys Ltd, UK	Panelists: - Austenitic stainless steels for applications down to 4K, Dorian Hachet, Aperam Stainless Europe, France
14:25 Combining Duplex SS high mechanical properties with low roughness surfaces: a breakthrough for food contact applications, Dr Ir Patrick Toussaint, Aperam Stainless Europe, France	- Latest advances in stainless steels characterisation at European Synchrotron Radiation Facility (ESRF), Andrea Francesco Ciuffini, ESRF, France
14:50 The effect of $\alpha/\gamma$ ratio on the mechanical properties of duplex stainless steel, Naoki Hirakawa, NIPPON STEEL Stainless Steel Corporation, Japan	- Unlimited life of stainless steel in the process industry, and how to end it, Jacko Aerts, dsm-firmenich, The Netherlands
15:15 Inspection of duplex stainless steel storage tanks in operation, Claes Tigerstrand, Outokumpu Stainless AB, Sweden	
15:40 Thick duplex grades in coils: substituting quarto plates for enhanced fabrication and unique features, Lucas Kling, Aperam Stainless Europe, France	

WEDNESDAY 27 September – Focus on Sustainability Day	
9:30	<b>Plenary Session 3: If it's uncomfortable, you're doing it right - Sustainability strategies for future-proof businesses,</b> Felix Bärmann, Nordic Sustainability, Denmark
10:00	<b>Plenary Session 4: Solutions towards carbon neutral stainless steel production,</b> Joachim von Schéele, Linde GmbH, Germany
10:30	<b>Plenary Session 5: Materials engineering challenges of carbon capture and storage,</b> Liane Smith, Larkton Ltd, United Kingdom
11:00	<b>Coffee &amp; Expo Break</b>
Conference Arena 1	Conference Arena 2
<b>Paper Session: Towards carbon neutral</b> <i>Session Chair: Joelle Greenwood, Salzgitter Mannesmann Stainless Tubes, France</i>	<b>Paper Session: Clean hydrogen</b> <i>Session Chair: Peter van Gansewinkel, Brück, Germany</i>
11:30 Corrosion resistance of stainless steels for CCS usage in supercritical CO <sub>2</sub> environments; especially O <sub>2</sub> containing conditions, Kyohel Kanki, Nippon Steel Corporation, Japan	Duplex opportunity in heat exchangers for alkaline electrolysers - Green H <sub>2</sub> production, Bernardo Siza Vieira, Alleima, Portugal
11:55 Chemical recycling of stainless steel waste while permanently storing CO <sub>2</sub> , Sjoerd van Krimpen, SCW Systems, The Netherlands	Hydrogen embrittlement resistance of Nb and N added austenitic stainless steel, Yosuke Yonenaga, Maruichi Stainless Tube, Japan
12:20 Scrap as a key factor in decarbonizing the industry, Filipe Costa, CRONIMET Envirotec, Germany	Stainless steel as substrate for bipolar plates of PEM electrolyzers, Raquel Rodríguez, Tubacex Innovación, Spain
12:45 <b>Lunch &amp; Expo Break</b>	
14:00 <b>SUSTAINABILITY DAY</b> <b>Join the Sustainability Expo Forum, Conference Arena 1 – OPEN TO ALL</b> The Sustainability Expo Forum is an open-access forum hosted by a select group of sustainability leaders who have been invited to share their expertise, insights, and experiences. The Forum will inspire and educate attendees about innovative sustainability initiatives, best practices, and the crucial role businesses play in creating a sustainable future. 	
14:00 Decarbonising the stainless steel industry: Outokumpu pioneering sustainable stainless steel with Circle Green. Max Menzel, Outokumpu	
14:30 The complexity of the carbon footprint calculation using the example of Mannesmann Stainless Tubes. Tim Wallbaum, Mannesmann Stainless Tubes	
15:00 <b>Sustainability networking reception</b>	
15:30 Leveraging its new sustainability-focused business model, Aperam aims to develop the services and advanced products its customers need to achieve their 2050 climate goals. Nicolas Changeur, Aperam	
16:00 900 ways to make a change – innovations that push sustainability globally. Håkan Sundström, Alleima	
18:00 <b>STAINLESS STEEL WORLD SOCIAL EVENING</b>	

THURSDAY 28 September	
9:30	<b>Plenary Session 6: Stainless steels for particle accelerators, detectors and fusion magnet systems,</b> Dr. Stefano Sgobba and Katie Elizabeth Buchanan, CERN, Mechanical and Materials Engineering Group, Switzerland
10:30	<b>Coffee &amp; Expo Break</b>
Conference Arena 1	Conference Arena 2
<b>Paper Session: Material selection</b> <i>Session Chair: Lena Wegrellius, Outokumpu Stainless AB, Sweden</i>	<b>Workshop: Additive manufacturing / welding</b> <i>Moderator: Raymond Cordewener, R. Cordewener Management &amp; Consultancy, The Netherlands</i>
11:00 Field exposure studies of austenitic and duplex stainless steels in tunnel atmospheres, Thoralf Müller, Federal Institute for Materials Research and Testing (BAM), Germany	Panelists: - Effect of surface finish on corrosion performance of additively manufactured superduplex stainless steel, Briony Holmes, TWI, UK
11:25 Stainless steels selection tool for water application: Pitting engineering diagrams, Sukanya Hägg Mameng, Outokumpu, Sweden	- How digital AM shapes the supply chain of the stainless steel applications, Fabrizio Ragusa, SLM Solutions, Germany
11:50 Innovative surface hardening process to increase wear resistance of stainless steels, Michael Wandel, Bodycote Specialist Technologies GmbH, Germany	- Friction welding technologies for manufacturing, repair and sampling in stainless steel compo-nents, Dreyer Bernard, eNtsa - Nelson Mandela University, South Africa
12:15 Effect of grain refinement on mechanical behavior and microstructure of 17-6 austenitic stainless steel, HanSeop Noh, POSCO, South Korea	- Enhanced welded tubes : From the strip to the heat exchange performance, Alexis Gauthard, NE-OTISS France, France
12:40 Microstructure prediction of stainless-steel during metal forming processes, Arianna Gotti, Transvalor, Italy	
13:05	<b>Close</b>

Join the Sustainability Expo Forum...it's open to all!



### Thank You

The continued success of the Stainless Steel World Conference and Exhibition is credited to the hard work of all of those involved in its organisation and to those who contribute on the day. An extra special thank you of course goes out to our event sponsors who are incredibly flexible and reliable in their support. On these pages you will find an introduction to our sponsors who have helped make Stainless Steel World 2023 possible. In addition, we would like to thank all of our exhibitors and presenters, prospective visitors and delegates, and of course our dedicated steering committee members. We value your cooperation and continued support of our event.

## Alleima

Alleima is a leading manufacturer of high value-added products in advanced stainless steels and special alloys as well as products for industrial heating.

Based on long-term customer partnerships, and leading materials technology, we advance processes and applications in the most demanding industries.

With more than 900 active alloy recipes, our offering comprises products for several customer segments, mainly seamless stainless tubes, electric heating technology and resistance materials, ultra-fine wire, and precious metals for use in medical devices and electronic appliances, as well as precision strip steel and strip-based products.

Our fully integrated value chain, from R&D to end-product, ensures industry-leading technology, quality, sustainability, and circularity.

Alleima, with headquarter in Sandviken, Sweden, and revenues of SEK 18.4 billion in 2022, has approximately 5,900 employees and customers in approximately 90 countries.

Learn more at [www.alleima.com](http://www.alleima.com)

Visit us at stand C26



**MANNESMANN**  
STAINLESS TUBES

A Member of the Salzgitter Group

At Mannesmann Stainless Tubes, we are proud of our commitment to the continuous innovation and development of our production range to support the most demanding of Customer needs, across the global market. At the foundation of our reputation is our cultural commitment to quality and integrity, passionate about understanding our Customer's needs and product applications.

We serve diverse markets, including the Oil & Gas, Power and Aerospace sectors. We embrace innovation and are a key driver and contributor to the generation of new specifications that become tomorrow's standards. Our product range is from 1.6 mm (0.063") to 280 mm (11") outside diameter across the full range of seamless austenitic stainless and Nickel alloy grades, complemented by super-austenitics like 904L and 6Mo, duplex and super duplex alloys, and a complete family of Nickel alloys.

Our global production facilities in Europe and the US are supported by a global commercial organization. From the origins of the Mannesmann brothers and their invention in 1885 of the rolling process for the production of seamless tubes, in Remscheid, Germany, today we are proud to be: Tube Experts – it's what we are, it's what we do.

<https://mannesmann-stainless-tubes.com/home/>

Visit us at stand D39

## MARUICHI STAINLESS TUBE CO.,LTD.

Maruichi Stainless Tube manufactures high-quality seamless stainless pipes and tubes around the globe. Most recently, it has focused on products for the semiconductor and automotive markets with innovative grades and ongoing, large-scale investments in technology. Decarbonisation, both in-house and in the markets it serves, is also a priority.

Two years have passed since Kobelco Steel Tube changed its name to Maruichi Stainless Tube and joined the Maruichi Steel Group. In addition to manufacturing high-quality seamless stainless pipes and tubes, Maruichi Stainless Tube also produces high-growth products such as semiconductor bright annealed (BA) tubes.

Maruichi Steel Tube, the parent company of Maruichi Stainless Tube, has offered customers dedicated services since its establishment in 1947. The company has amassed technological know-how and expertise throughout its global facilities. It has state-of-the-art tube mills at 16 locations in Japan and 17 overseas: 3 in the USA, 2 in Mexico, and 12 in Asia.

<https://www.mstube.co.jp/english/index.html>

Visit us at stand F78

## NIPPON STEEL

- Be the Best Steelmaker with World-Leading Capabilities -

NIPPON STEEL is at the forefront of the Japanese stainless steel seamless pipe and tube industry. NIPPON STEEL has been growing as a global leading steelmaker for many decades.

For more than 100 years, NIPPON STEEL has continuously adapted and innovated for clients in a range of industries. And we continue to strengthen our manufacturing capabilities to address evolving client needs.

NIPPON STEEL offers various solutions to customers through its extensive experience in manufacturing seamless pipes of numerous materials from common grade to Ni-based alloy.

NIPPON STEEL's Pipe and Tube unit have built a world-wide reputation of quality and innovation as a manufacturer of critical application tubular used across a number of industries. With manufacturing bases and offices at strategic locations in Asia, Europe, the Middle East, North and South America, NIPPON STEEL is always close to its customers.

<https://www.tubular.nipponsteel.com/>

Visit us at stand G40



Rolf Kind GmbH was founded in 1969 and is specialized in manufacturing of forgings in high alloyed stainless and corrosion resistant materials, nickel based alloys as well as titanium and titanium alloys. As a German family run company right from the start, we strongly follow our traditional values like high class quality and strong business relationship.

Being responsible for the complete manufacturing chain, any customized product geometry such as shafts, rings, cylindrical bushings, hollows, round and square shapes as well as special shapes tailored to suit our customers' needs can be supplied. Due to our comprehensive and widespread technical know-how, we are able to produce forgings of highly sophisticated technical designs, being later used in machinery and equipment construction, oil and gas processing industries, on- and offshore applications and nuclear applications.

Our main focus and strength is our key skills in open die forging and machining, as well as detailed metallurgical knowledge. Paired with our very special business concept, we are able to offer any product from the raw material – up to the ready-to-install part from a single source.

Our challenge: to go beyond the limits of conventional forgings.

[www.r-kind.de](http://www.r-kind.de)

Visit us at stand B53



The name Schmidt + Clemens has stood for high-quality special steel solutions for more than 140 years. Be it spun casting, static casting, investment casting or forgings, we will face your challenges head on.

The Schmidt + Clemens Group is active on the international stage. Besides its German headquarters in Lindlar-Kaiserau, S+C also has production facilities in Spain, the Czech Republic, Saudi Arabia and Malaysia. Three corporate distribution companies in the USA, India and Brazil combined with over 30 commercial agencies consolidate our global presence.

<https://www.schmidt-clemens.com>

Visit us at stand G99

## Supporters



The British Stainless Steel Association (BSSA) exists to promote and develop the manufacture and use of stainless steel across the UK and Ireland. Based in Sheffield, the association provides marketing support, technical advice, information, training and education in all aspects of stainless steel. Learn more at [bssa.org.uk](http://bssa.org.uk)



Centro Inox is the Italian Stainless Steel Development Association: was founded in 1962 and is constituted by the major stainless steel producers in Italy. The action of Centro Inox is planned with its members to maintain and consolidate the industrial sectors where the stainless steel is used and to search for new applications. It



In 2008, Scoda Tubes Ltd was established as a manufacturer of innovative stainless steel pipe and tube solutions. After solid performance during the early years, Scoda Tubes' growth sky-rocketed following a management change in 2017. Investing in technical excellence and bristling with ideas on how to develop a global presence, the new management team has steered Scoda Tubes to even greater heights. Today Scoda Tubes is rightly recognised as a global business player with an enviable portfolio of stainless steel seamless and welded pipes, tubes and heat exchanger tubes.

Scoda Tubes has developed a solid customer base in industrial sectors such as oil and gas, petrochemicals, power plants, automobiles, sugar, pharmaceuticals, shipbuilding, etc. In its home country of India, the company has a strong presence in the domestic market.

<https://www.scodatubes.com>

Visit us at stand E60



Tubacex is a global leader in the design, manufacture, and installation of advanced, high-added-value industrial products (market leader in seamless stainless steel tubes) and services for the energy and mobility sectors. It delivers value to its clients thanks to its global reach, with manufacturing plants and service centers located in Spain, Austria, Italy, the United States, India, Thailand, Saudi Arabia, Dubai, Norway, Canada, Singapore, Guyana and Kazakhstan.

The company's sustainability policy is backed by leading ESG certification bodies. It is committed to reducing emissions in line with the Science Based Targets (SBT) initiative, participates in the CDP disclosure system (rating A-) and is featured in sustainability rankings produced by agencies including S&P and Ecovadis. Tubacex has been listed on the Spanish stock exchange since 1970 as part of the Ibx Small Caps index.

<https://www.tubacex.com/en/>

Visit us at stand C16

provides advisory service with data and technical information and works actively in standardization and legislative activities. It also allows, through the company Centro Inox Servizi Srl, a subscription to a network of "dedicated" services, for continuous and personalized assistance. Learn more at [www.centroinox.it](http://www.centroinox.it)

EURANIMI represents the interests of mill-independent European importers of stainless steel and aluminium, active in the supply chain as stockholding distributors, traders, service centres or processors. It works to stay ahead of European legislative measures and updates that influence the business of its members. Learn more at <https://www.euranimi.eu/>



### Networking is top of our agenda

Addition to the reception on the exhibition stands, Stainless Steel World also develop the social programmes for networking to be top of the agenda. See the website : <https://stainless-steel-world-event.com/social-programme/>

## Welcome Reception

**Monday September 25<sup>th</sup>, 17:30**  
**Where: MECC Café**

Held at the end of Monday afternoon, the welcome reception is open to all. The reception is an opportunity to meet the valued and influential group of community members who are instrumental to the structure and direction of the Stainless Steel World Conference & Expo ; from steering committee members, to presenters, conference delegates, exhibitors, association members and of course the full Stainless Steel World team. Come along and have a drink, a snack, and a chat. A great way to kick-off your networking participation at this prestigious event.

## Supporters

**IMOA** The International Molybdenum Association is a non-profit trade association. Representing the majority of the molybdenum industry worldwide, IMOA works to raise awareness about the unique properties of molybdenum, its beneficial effects on materials performance, its safety in use and its contribution to sustainable development.  
**Learn more at [www.imoa.info](http://www.imoa.info)**

**SSA** The Japan Stainless Steel Association is a non-profit organization consisting of stainless steel producers and companies and organizations in the distribution and processing fields. The association aims to contribute to the prosperity of the Japanese economy and people's lives through the development of the stainless steel industry by cultivating demand for stainless steel and improving its technology.  
**Learn more at <http://www.jssa.gr.jp/english/>**

**MTI** Materials Technology Institute The Materials Technology Institute (MTI) is a global network recognised as the preferred source of material technology solutions for industrial process companies. MTI's mission is to maximise member asset performance by providing global leadership in materials technology for industrial processing companies to improve safety, sustainability, reliability and profitability. The organisation delivers value to its members by conducting nonproprietary research and projects on the

## Stainless Steel World Dinner Show

**Wednesday September 27<sup>th</sup>, 18:00**  
**Where: MECC Maastricht**

Attention all attendees of the Stainless Steel World 2023! Don't miss out on our exclusive Dinner Show taking place on Wednesday evening. Join us for an evening of delicious food and an entertainment.

Our Dinner Show offers the perfect opportunity to unwind after a long day of conference sessions, standing exhibitions and networking. Sit back, relax, and let talented performers take you on a journey of music, laughter, and amazement.

Don't miss out on this unique opportunity to experience together. Book your tickets now and join us for a night to remember at our exclusive Dinner Show during the Stainless Steel World 2023. **Dinner ticket registration**

Tickets to join the Stainless Steel World Dinner Show are €95 per person.

Register in advance and secure your place via [www.stainless-steel-world-event.com](http://www.stainless-steel-world-event.com) and follow the link to Social Programme.

**Don't delay - The number of tickets is limited.**

selection, design, fabrication, testing, inspection and performance of materials used in the process industries. This research is focused on developing valuable new technologies and on transferring both new and existing knowledge to day-to-day practices. In addition, members are able to communicate with other industry professionals, 24/7, on MTI's Question and Answer Forum and capitalise on the expertise of worldwide member company representatives. MTI offers several in-person global networking opportunities, including live meetings, facility tours, training sessions and seminars.  
**Learn more at [www.mti-global.org](http://www.mti-global.org)**

**Nickel Institute** The Nickel Institute is the global association of leading primary nickel producers. Its mission is to promote and support the proper use of nickel in appropriate applications.  
**Learn more at [nickelinstitute.org](http://nickelinstitute.org)**

**worldstainless** The primary roles of world stainless are to promote industry and material sustainability; conserve resources and promote the circular economy; provide economic and industry-leading statistics; support industry health & safety needs and developments; outline market development; materials education.  
**Learn more at [www.worldstainless.org](http://www.worldstainless.org)**

## Hotel Reservations



Book your hotel room through MECC Hotel Services, the official housing partner of the Stainless Steel World Conference & Expo 2023, because of the long-standing collaboration between MECC Hotel Services and the hotels, they are able to offer you the most competitive room rates in Maastricht and surroundings.

### THE BENEFITS:

- Best available room rates
- Guaranteed availability
- Free cancellation up to 24 hours before arrival
- Wide variety of hotels in Maastricht and surroundings

Please be aware that we are expecting many rooms to be booked in Maastricht during the event. We therefore advise you to reserve your hotel room as soon as possible. **For more information: <https://stainless-steel-world-event.com/event-information/book-your-hotel/>**

### CONTACT:

Email: [mhs@mecc.nl](mailto:mhs@mecc.nl) Phone: +31 43 38 38 361

## Travel Arrangements

For all your travel arrangements to the event, please visit our website: [stainless-steel-world-event.com/event-information/travel-information/](http://stainless-steel-world-event.com/event-information/travel-information/) Here you will find information regarding all forms of transportation to our event, from flights, trains, shuttle services, car hire, and even parking facilities. Working together with MECC Hotel Services, we endeavour to make your trip a safe and pleasant one.

### SPECIAL AIRPORT SHUTTLE:

MECC Hotel Services is also able to help you book your shuttle service to and from various airports in the Netherlands, Germany Belgium. Especially for visitors and exhibitors of the event a shuttle service has been arranged.

- Transfer shuttle to and from the airport
- Easy and fast online booking
- Comfortable buses and highly professional staff
- Bookings for private taxis or minivans possible

Please visit the Travel Information web page on the Stainless Steel World website for the direct link to make your booking.



### TRAIN CONNECTIONS FROM BRUSSELS TO MAASTRICHT:

We recommend you visit [www.nsinternational.com/en](http://www.nsinternational.com/en) for detailed information regarding train and travel times from Brussels to Maastricht.



### BY CAR:

The MECC Maastricht website provides a handy route planner. To access it, visit [www.mecc.nl](http://www.mecc.nl) and follow the links to: **Visit → Planner**.

## Join Us

Join us for three days of networking, knowledge-sharing, and reconnection. If you have any questions relating to the event, please see the details for the appropriate contact person and we will do our best to help you. We look forward to seeing you in Maastricht!

*Yours, Kiyo, Sjoerd and the KCI Team*

For more contact details go to: [stainless-steel-world-event.com/contact/](http://stainless-steel-world-event.com/contact/)



### Conference Information

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### Exhibition Information

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Company Name	Country
A.D. Tubi Inossidabili SpA	Italy
Aamor Inox Limited	India
Acciai Vender SpA	Italy
Acerinox S.A.	Spain
Alleima AB	Sweden
Alloy Corporation	Japan
Alok Steels (Mumbai) Pvt. Ltd	India
Amari Metals Ltd	United Kingdom
Ambica Steels Limited	India
Anping County Kaixuan Stainless Steel Products Co.,Ltd.	China
Aperam Stainless France	France
Arcus Nederland B.V.	Netherlands
Arvedi AST	Italy
ASB Tubes Private Limited	India
ASGE METAL IC VE DIS TIC LTD STI	Turkey
ASR MET TECH PVT LTD	India
ATX CO., LTD.	South Korea
AVESKA-Edelstahl GmbH	Germany
Avtar Steel Limited	India
Baofeng Steel Group Co., Ltd	China
Baoji Hongsen Titanium Metal Manufacturing Co., Ltd.	China
Baoji Yongshengtai Titanium Industry Co.,Ltd	China
BAYAR PASLANMAZ ÇELİK A.Ş.	Turkey
Belarek Vasfili Metallier San. Tic. Ltd. Şti.	Turkey
Berellesi Berinox Srl	Italy
BGH Edelstahlwerke GmbH	Germany
BIDUE Eusider	Italy
Binder Edelstahl Produktionsges.mBH	Germany
BLUMET TUBES PVT LTD	India
Böllinghaus Steel GmbH	Germany
Borsen Baru San. ve Tic. A.S	Turkey
Botou Hongchang Machinery Co., Ltd	China
BUHLMANN Rohr-Fittings-Stahlhandel GmbH + Co KG	Germany
Butting Group	Germany
Cangzhou Beyond Metal Products Co., Ltd.	China
Cangzhou Changyuan Fittings Co Ltd	China
Cangzhou Co-win Metal Products Co., Ltd	China
Cangzhou Haoxing Hardware Manufacturing Co., Ltd.	China
Cangzhou KH Fittings Corp.	China
Cangzhou Shengxiang Stainless Steel Products Co., Ltd.	China
Centravis Production Ukraine	Ukraine
Century Steel Pte Ltd	Singapore
Chandon Steel Ltd	India
Charming Metal International Limited	China
Chia Far Industrial Factory Co., Ltd.	Taiwan
Chr. Höver & Sohn GmbH & Co KG	Germany
ChromStahl GmbH	Germany
Cogne Acciai Speciali SpA	Italy
Corrotherm International	United Kingdom
Costa Levigatrici SpA	Italy
CSAI Centro Servizio Acciai Inox SpA	Italy
CSM Tech Co., Ltd.	China
Dacapo Stainless BV	Netherlands
Daido Steel	Japan
DAMING INTERNATIONAL IMPORT & EXPORT CO.,LTD.	China
Damstahl GmbH	Germany
Delta Inox GmbH	Germany
Deutsche Nickel GmbH	Germany
Divine Tubes Pvt Ltd	India
ECONOX.com GmbH	Switzerland
Edelstahl Service Center Burg GmbH	Germany
Edelstahl Service Gerhard Kubisch GmbH & Co. KG	Germany
Ekip Paslanmaz Celik San. ve Tic. A.S	Turkey
Emirinoks Paslanmaz Sac. San.ve Tic. Ltd. Şti.	Turkey
Energy Metals, Inc.	United States of America
ER PASLANMAZ METAL SAN. TIC. LTD. ŞTI.	Turkey
ERA S.r.l.	Italy
ERK BORU SANAYİ VE TİCARET ANONİM ŞİRKETİ	Turkey
EST Edelstahl-Schneidtechnik GmbH	Germany
Eusider Group	Italy
Evertec (Foshan) Stainless Steel Appliances Mfg Co Ltd	China
Ezeflow Inc	Canada
fischer Edelstahlrohre GmbH	Germany

Foshan Kirmore Stainless Steel Material Co., Ltd	China
Foshan Maysky Trading Co.,Ltd	China
Foshan Runtian New Material Technology Co., Ltd.	China
Foshan Teehao Stainless Steel Co., Ltd	China
Foshan Vinmay Stainless Steel Co., Ltd.	China
Foshan Yongxin Intelligent Technology Co., Ltd	China
G.E.A. srl	Italy
Gerber Steel GmbH	Germany
Giussani Abrasivi Srl	Italy
Grande-Tek Flow Control Co., Ltd.	China
Griffon & Romano SpA	Italy
Grupo Lapuente	Spain
Gual Steel, S.L	Spain
Guardianmade (Vietnam) Co., Ltd.	Vietnam
Hage Fittings und Flanschen GmbH	Germany
Hammerschmiede Jäckel Essen GmbH	Germany
Harald Pihl AB	Sweden
Hart b.v.	Netherlands
HEGO B.V.	Netherlands
Helaxa BVBA	Belgium
Hilton Metal Forging Ltd	India
Hindustan Inox Ltd.	India
Hisar Metal Industries Limited	India
HP composants	France
Hunan Allianz Metal Products Co., Ltd.	China
Hunan Xiangtuo Goldsky Titanium Metal Co., Ltd.	China
HW-Inox GmbH	Germany
ILTA Inox SpA	Italy
IMS Nederland B.V.	Netherlands
Industeel France	France
INOX LAGHI Srl	Italy
Intertubi SpA	Italy
INVEV AB	Sweden
Irestal Group	Spain
ISM - Ibero Stahl GmbH	Germany
Italfond SpA	Italy
Jäckel + Co. Edelstahl Metalltechnik GmbH	Germany
Jacquet Metal Service	France
Jay Jagdamba Limited	India
Jiangsu Hongbao High-Precise Pipe & Tube Co., Ltd.	China
Jiangsu Hongcheng Marine Technology Co., Ltd.	China
Jiangsu Longyang Metal Technology Co., Ltd.	China
Jiangsu Sheye Metal Co., Ltd.	China
Jiangsu Tiangong Technology Co.,Ltd	China
Jiangsu TSC Tube Co.,Ltd.	China
Jiangyin Long Run Flange Co.,Ltd.	China
Jindal SAW Ltd.	India
Jindal Stainless Ltd	India
Jinson Hardware products	China
Jyoti Steel Industries	India
KCI Publishing bv	Netherlands
KHK Steel Industries LLC	United Arab Emirates
KP Stahl & Edelstahl GmbH	Germany
Kragman Metals BV	Netherlands
Krystal Global Engineering Ltd	India
L.C.M.A. - Luxembourg Company of Metals and Alloys S.A.	Luxembourg
La Meusienne SA	France
Laxcon Steels Limited	India
LST - Linster Stainless Trading GmbH	Germany
LUMTURI s. r. o.	Slovakia
Luoyang Sunrui Titanium Precision Casting Co.,Ltd.	China
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MABO Benelux	Belgium
Mangalam Alloys Limited	India
Mangalam Worldwide Limited	India
Mannesmann Stainless Tubes	Germany
MARCEGAGLIA SPECIALTIES SpA	Italy
Maruichi Stainless Tube Co. Ltd	Japan
Maxim Tubes Co. Pvt. Ltd.	India
MBE & SUMEC	United Kingdom
MCB Specials	Netherlands
MEGLOBE Co., Ltd.	Taiwan
Metall Steel Metallubi S.r.l	Italy
Mideast Metals FZCO	United Arab Emirates

Montanstahl AG	Switzerland
MW Metal Industry Ltd	China
Nibro BV	Netherlands
Nichelcrom Acciai Inox S.p.A.	Italy
NICROMAL Edelstahl & Metallhandel GmbH	Germany
NIKEL PASLANMAZ ÇELİK SAN. TIC.A.Ş.	Turkey
Ningxia Horizontal Titanium Industry Co., LTD	China
NIPPON STEEL Corporation	Japan
NIPPON STEEL Stainless Steel Corporation	Japan
Nippon Yakin Kagyo Co Ltd	Japan
NIRO Wenden GmbH	Germany
NobelClad Europe GmbH & Co. KG	Germany
Nords International AB	Sweden
Novacel S.A.	France
NOVA HPT Srl	Italy
Officine Orsi s.p.a	Italy
Ohlendorf Trading GmbH	Germany
Oiki Acciai Inossidabili SpA	Italy
Olimpia Inox S.r.l.	Italy
OSCAR PG LTD	Ukraine
OSTP Group	Sweden
Outokumpu Oyj	Finland
PA. Inc.	United States of America
Padana Tubi & Profilati Acciaio SpA	Italy
Panchmahal Steel Limited	India
Pantech Stainless & Alloy Industries Sdn. Bhd.	Malaysia
Patels Airflow Ltd	India
Paul Meijering Metalen bv	Netherlands
PCM Technology Oy	Finland
Peter Drösser GmbH	Germany
Philipex Trading Ltd	Bulgaria
POYRAZ PASLANMAZ SAN. VE DIŞ TIC. A.Ş.	Turkey
Preminox Ltd	United Kingdom
PROFORM SAS	France
PT IMR ARC Steel	Indonesia
Quarto International SAS	France
Raccortubi SpA	Italy
Rajputana Stainless Limited	India
Ramada Aços SA	Portugal
Ratnadeep Metal & Tubes Ltd	India
Ratnamani Metals & Tubes Limited	India
RATNESH METAL INDUSTRIES PVT. LTD.	India
Remystahl GmbH & Co. KG	Germany
Rimjhim Ispot Ltd	India
Roba Metals bv	Netherlands
Rodacciai SpA	Italy
Rohrbogen AG	Switzerland
Rolf Kind GmbH	Germany
ROLL STEEL Sp. z o.o.	Poland
Rostfrei-Stahl Geisweid GmbH	Germany
RTD Forge Srl	Italy
RTI Industries	France
S PLUS TUBE TECH	India
Sandmeyer Steel Company	United States of America
Sankyo & Co., Ltd.	Japan
Saritas Celik Sanayi ve Ticaret as	Turkey
Schmidt + Clemens GmbH + Co. KG	Germany
Schmidt Edelstahl GmbH	Germany
Schoeller Werk GmbH & Co. KG	Germany
Scoda Tubes Ltd	India
SeAH CTC Co.,Ltd	China
Shaanxi Lasting Titanium Industry Co., Ltd.	China
Shaanxi Standard Titanium Industry Co., Ltd	China
Shaanxi Yi Heng Non-Ferrous Metals Industries Co., Ltd.	China
Shalco Industries Pvt Ltd	India
Sia-MPI srl	Italy
Siderinox S.p.A.	Italy
SIJ - Slovenian Steel Group	Slovenia
SM Steel Co., Ltd.	South Korea
Società Italiana Profilati Inossidabili SpA (SIPI)	Italy
SONHA SSP VIETNAM SOLE MEMBER CO.,LTD	Vietnam
SP s.r.l.	Italy
SpecialSteelStock - C.S.C. S.pA	Italy
Springer GmbH	Germany

Srinox BVBA	Belgium
Stainless Band Ltd	United Kingdom
STAINLESS France	France
Stalotube Oy	Finland
STAPPERT Deutschland GmbH	Germany
Starfit China Ltd	Hong Kong
Steamline Industries Ltd	India
Steel Color SpA	Italy
Steelcom Fittings Srl	Italy
STS Paslanmaz Boru Üretim ve Pazarlama A.Ş	Turkey
Styleness SpA	Italy
Sun Mark Stainless (P) Ltd	India
Suraj Limited	India
Sverdrup Steel	Norway
Swedenox AB	Sweden
Synergy Steels Ltd.	India
SynerSteel SA	Switzerland
Tecnica Tre Srl	Italy
Tecnofar SpA	Italy
Thai Benkan Co., Ltd.	Thailand
Thai-German Products Public Co Ltd	Thailand
Thermo Fisher Scientific	Germany
Timesavers International B.V	Netherlands
Tipro International Co., Ltd.	China
Titania SpA	Italy
Titanium Consulting & Trading srl	Italy
Tokyo Stainless Grinding Co., Ltd.	Japan
Trafilix SpA	Italy
Transvalor	France
Tredinox SpA	Italy
Trinox Metal San. ve Tic. A.S	Turkey
Tsingshan Steel Pipe Co., Ltd.	China
Tubacex SA	Spain
Tubi Inossidabili Soldati srl (TIS)	Italy
TW Metals Ltd	United Kingdom
UPMOVIM Storage systems	Spain
Valbruna Group	Italy
Van Leeuwen Stainless / Teuling Staal	Netherlands
Varzene Metal San. Ve Tic A.Ş.	Turkey
VENUS PIPES & TUBES LIMITED	India
VINLONG STAINLESS STEEL (VIETNAM) CO.,LTD.	Vietnam
Viraj Profiles Ltd	India
Virgilio Cena & Figli SpA	Italy
voestalpine BÖHLER Bleche GmbH & Co KG	Austria
Voß Edelstahlhandel GmbH & Co KG	Germany
Walzwerke Einsal GmbH	Germany
Welspun Specialty Solutions Limited	India
Wenzhou Jinhe Special Material Manufacture Co., Ltd.	China
Wenzhou Tianyue Fluid Equipment Science & Technology Co.,Ltd	China
Western Metal Materials Co., Ltd.	China
Wintec (Foshan) Industrial Co., Ltd.	China
WT Westtube LDA	Portugal
Wuchou Zhongda Yuanlong Stainless Steel Co.,Ltd.	China
Xi'an Xrun New Material Co.,Ltd	China
YC Inox	Turkey
Yeou Yih Steel Co., Ltd.	Taiwan
Zhangjiagang Hailong Trade Co., Ltd.	China
Zhangjiagang Pucheng Stainless Steel Co.,Ltd	China
Zhejiang Guobang Steel Co.,Ltd.	China
Zhejiang Honghai Steel Pipe Manufacturing Co.,Ltd	China
Zhejiang Jiuli Hi-Tech Metals Co., Ltd.	China
Zhejiang Longda Stainless Steel Co., Ltd.	China
Zhejiang Pengye Stainless Steel Tube Industrial Co Ltd	China
Zhejiang Shenji Titanium Industry Co.,Ltd.	China
Zhejiang Stellar Global Co., Ltd	China
Zhejiang Tenglong Stainless Steel Industry Co., Ltd.	China
Zhejiang Xintongda Special Steel	China
Zhejiang Yinlong Stainless Steel Co., Ltd.	China
Zhejiang Yongjin Metal Technology Co.,Ltd	China
ZWAHLEN & MAYR SA - ZM TUBES	Switzerland

This exhibitor list was correct at time of publication.

## Conference Registration

Ticket type	One Day	Three Days
Passepartout Including entrance to conference & expo + access to conference presentations online	€ 299	€ 595
Passepartout for Exhibitor With 50% exhibitor discount	€ 149	€ 295
Passepartout for Presenter With 50% presenter discount	€ 149	€ 295



## Conference Registration



## Dinner Show – Ticket 95 Euro



## Expo Visitor Registration



## Exhibition Floor Plan



## Exhibitor List



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