


TUESDAY 26 September	
Conference Arena 1	
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, Rolf Kind GmbH, Germany</i>
11:30	Should high temperature stainless steels be stress relieved?, Jan-Willem Rensman, Fluor BV, The Netherlands
11:55	Resistance to stress relaxation cracking of UNS S34752, Hayato Kayama, NIPPON STEEL Corporation, Japan
12:20	Opportunities for different ferritic stainless steels in high temperature automotive applications, Muhammad Yasir, FORVIA, Germany
12:45	High temperature applications and corrosion challenges, Eduardo Perea, Alleima, 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
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, Belgium
14:50	The effect of $\alpha/\gamma$ ratio on the mechanical properties of duplex stainless steel, Naoki Hirakawa, NIPPON STEEL Stainless Steel Corporation, Japan
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	
Conference Arena 1	
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, Kyohei Kanki, Nippon Steel Corporation, Japan
11:55	Chemical recycling of stainless steel waste while permanently storing CO <sub>2</sub> , Sjoerd van Krimpen, SCW Systems, The Netherlands
12:20	Scrap as a key factor in decarbonizing the industry, Filipe Costa, CRONIMET Envirotec, Germany
12:45	<b>Lunch &amp; Expo Break</b>
<b>14:00 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	
Conference Arena 1	
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 Wegelius, 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
11:25	Stainless steels selection tool for water application: Pitting engineering diagrams, Sukanya Hägg Mameng, Outokumpu, Sweden
11:50	Innovative surface hardening process to increase wear resistance of stainless steels, Michael Wandel, Bodycote Specialist Technologies GmbH, Germany
12:15	Effect of grain refinement on mechanical behavior and microstructure of 17-6 austenitic stainless steel, HanSeop Nah, POSCO, South Korea
12:40	Microstructure prediction of stainless-steel during metal forming processes, Arianna Gotti, Transvalor, Italy
13:05	<b>Close</b>

