

TUESDAY 27 September		
09:45	Opening:	Thijs Elshof, CEO, KCI Publishing BV, The Netherlands
09:50	Welcome:	Jan van de Wetering, Nobian, The Netherlands
10:00	Plenary Session 1:	Global Stainless Steel Market, Tim Collins, Secretary-General, International Stainless Steel Forum, Belgium
10:30	Plenary Session 2:	How a 3D printed bridge impacts the Stainless Steel industry, Gijs van der Velden, MX3D, The Netherlands
11:00	Coffee & Expo Break	
EURO ROOM	FLORIN ROOM	
Paper Session: Application of stainless steel in green energy technologies (solar, wind, hydrogen, etc) Session Chair: Jan Willem Rensman, Fluor, The Netherlands	Paper Session: Welding Session Chair: Iris Rommerskirchen, Eisenbau Krämer GmbH, Germany	
11:30	Stainless steels for hydrogen applications, Clara Herrera , Deutsche Edelstahlwerke Specialty Steel GmbH & Co. KG, Germany (PS21026)	Rethinking Reactive Metal Pipe Systems: A Revolutionary Pipe Product, Edgar Vidal , NobelClad, USA (PS21028)
12:00	Mono and Composite Tubes for Green Energy Technologies, Angela Philipp , Sandvik Materials Technology Deutschland GmbH, Germany (PS21018)	TBA
12:30	Vacuum insulated piping (VIP) for LNG and Hydrogen industry, Norbert Heinzle , BUTTING, Germany (PS21035)	FM 825 CTP – A novel filler material for overlay welding in critical applications, VDM Metals International GmbH, Martin Wolf , Germany (PS21002)
13:00	Lunch & Expo Break	
Discussion / Workshop: Additive Manufacturing Moderator: Nicole Kinsman, IMO, Switzerland / Thomas Ladwein, Consultant - Steinbeis Transferzentrum Korrosion & Werkstoff, Germany	Discussion / Workshop: Consultation session on welding Moderator: Raymond Cordewener, R. Cordewener Management & Consultancy, The Netherlands	
14:30	Panellists: <ul style="list-style-type: none"> - Johan Wallin, Sandvik, Sweden AM powder for PBF-L -Preparation & Handling -Powder properties VS finished components properties (PS21038) - Gijs van der Velden, MX3D, The Netherlands Why Wire Arc AM is the next big thing in 3D printing (PS21039) - Valeria Tirelli, Aidro, Italy Innovative products with additive manufacturing for hydraulics and oil&gas industries (PS21040) - Marc Wilms, Shell Project & Technology, The Netherlands Additive Manufacturing: opportunities and challenges – how to overcome the latter? (PS21041) 	Panellists: <ul style="list-style-type: none"> - Justin Geraerds, Kranendonk, The Netherlands Zero-gap automatic/ robotic -welding of piping in all materials (PS21023) - Loïc Amadu, Groupe Ortec, France Ongoing development for EDF EASu project (PS21025) - Sandra Le Manchet / Anne Higelin, Industeel, France Welding, pickling and machining of the lean duplex stainless steel 2202 (1.4062) (PS21033) - Alberto Bejarano, Pontifical Catholic University of Peru, Peru Hyperduplex Stainless Steel Welding (PS21024)
WEDNESDAY 28 September		
EURO ROOM	FLORIN ROOM	
Paper Session: New developments in the manufacture of stainless steels Session Chair: Joelle Greenwood, Salzgitter Mannesmann Stainless Tubes, France	Paper Session: Corrosion – Part 1 Session Chair: Claus Qvist Jessen, Damstahl Group, Denmark	
09:30	Material certification with Blockchain, Tom Meulendijks , SteelTrace BV, The Netherlands (PS21020)	Microbial corrosion of stainless steels, Reza Javaherdashti , MICCOR, The Netherlands (PS21030)
10:00	New Generation Cold Rolling Mill - DMS 20Hi EcoMill, Alexis Duchene , Fives DMS, France (PS21017)	Localized corrosion of (lean) duplex stainless steels in urban wastewater treatment units, Audrey Allion , Aperam, France (PS21009)
10:30	Efficiency increase thanks to sample-preparation-free analysis of slags and alloying materials with laser OES, Alexander Schlemminger , QuantoLux, Germany (PS21011)	On-site, Corrosion Measurement of Stainless Steel – Characterising Passivity and Weld Tint Performance, Dirk Engelberg , University of Manchester, UK (PS21019)
11:00	Coffee & Expo Break	
Discussion / Workshop: The contribution of stainless steels to sustainability Moderator: Benoît Van Hecke, Nickel Institute, Belgium	Paper Session: Corrosion – Part 2 Session Chair: Markus Kind, Rolf Kind GmbH, Germany	
11:30	Panellists: <ul style="list-style-type: none"> - Jacko Aerts, DSM, The Netherlands - Roger Francis, Nickel Institute, UK - Luis Peiró Hergueta, Acerinox, Spain - Mia Liimatainen, Outokumpu, Finland - Chris Taylor, DNV/Ohio State University, USA 	Field exposures of stainless steel in chloride rich atmospheric conditions, Elisabeth Johansson , Outokumpu, Sweden (PS21014) A Comparative study of corrosion Behavior of Martensitic, Austenitic and Duplex Stainless Steels in arduous Environments containing CO2/H2S relevant to deep-sea energy production, Yong Hua , Jiuli Research Institute (PS21046) SANICRO 35TM - Bridging the gap between stainless Steels and Nickel alloys, Bernardo Siza Vieira , Sandvik Materials Technology, Portugal (PS21003)
13:00	Lunch & Expo Break	
14:30	Plenary discussions Panel of experts incl end users and manufacturers discuss pre-determined theme(s) Q&A session. Bring your questions about the manufacture, specification, supply and use of stainless steels. Moderator: Glenn Byrne , Rolled Alloys, UK Panellists: Claus Qvist Jessen , Damstahl Group, Denmark / Sunday Chukwudi Okoro , GRUNDFOS Holding A/S, Denmark / Sayee Raghunathan , Saudi Aramco, Saudi Arabia / Lena Wegrelius , Outokumpu Stainless AB, Sweden / Marc Wilms , Shell Projects & Technology, The Netherlands	
18:00	STAINLESS STEEL WORLD EVENING SOCIAL - Networking Reception -	
THURSDAY 29 September		
9:30	Plenary Session 3:	Stainless Steels and Hydrogen Applications, Thomas Böllinghaus, Bundesanstalt für Materialforschung und -prüfung (BAM -Federal Institute for Materials Research and Testing), Germany
10:00	Plenary Session 4:	Advanced GW green hydrogen plant, conceptual design and material selection, Hans van 't Noordende, Institute for Sustainable Process Technology, The Netherlands
10:30	Coffee & Expo Break	
EURO ROOM	FLORIN ROOM	
Paper Session: Developments in applications for stainless steels Session Chair: Jacko Aerts, DSM, The Netherlands	Paper Session: Duplex / Super Duplex Session Chair: Barinder Ghai, Sandvik Materials Technology, UK	
11:00	Hardened stainless steel subsurface by cryogenic external turning, Lara Fricke , Institut für Werkstoffkunde – Leibniz Universität Hannover, Germany (PS21007)	Corrosion resistance of super duplex stainless steels – better understanding the role of alloying elements on their performance, Rodney Rice , Langley Alloys, UK (PS21008)
11:30	Development of a new high interstitial non-magnetic stainless steel for oil and gas applications, Clara Herrera , Deutsche Edelstahlwerke Specialty Steel GmbH & Co. KG, Germany (PS21029)	Technological development of heat and surface treatment of duplex and super duplex stainless steels SINOXX 4462 and SINOXX 4410, Robert Robič , SIJ ACRONI d.o.o., Slovenia (PS21001)
12:00	Applicability of Nb and N Bearing Austenitic Stainless Steel to Fuel Delivery Pipes, Yutaro Katsuki , Maruichi Stainless Tube Co., Ltd., Japan (PS21012)	Review of knowledge on maximum operation temperatures of Duplex grades, Jan Y Jonsson , Outokumpu, Sweden (PS21006)
12:30	Monitoring of the comprehensive orders with specific requirements for stainless steel plates used in nuclear power industry, Goran Stankovikj , SIJ ACRONI d.o.o., Slovenia (PS21005)	Sintering plant chimney in Superduplex, Didier Paul , Industeel, France (PS21032)
13:00	Close	