

C-XI Pressure Vessels and Pipelines

Agenda of the Technical Meetings of Commission XI

72nd IIW Annual Assembly and International Conference 2019, Bratislava, 7–12 July 2019

IIW Antitrust policy

IIW activities are based on a close, voluntary cooperation of its worldwide members with the overall target to improve the knowledge and skills in joining. To maintain these fruitful activities, it is strictly necessary to meet the obligatory terms of antitrust laws during IIW working sessions, meetings and other events. Thus, any commercial oriented discussion (including, but not limited to market shares, prices, turnovers, production quantities, costs, suppliers and/or customers) is strictly banished.

By attending the meeting, you commit to follow the terms of prevailing antitrust laws.
(relevant antitrust laws can be found at www.iiwelding.org)

Crowne Plaza Bratislava, Room "Warsaw" Monday, 8 July 2019

08:15	Welcome and IIW policies Teresa Melfi, <i>Lincoln Electric</i> , USA
08:20	XI-1089 C-XI-E (Pipelines) Commission Activities Christoph Gerritsen, <i>ArcelorMittal Global R&D Gent/OCAS NV</i> , Belgium
08:35	XI-1090-19 IX-L-1213-19 Effects of Niobium in Submerged Arc Weld Metal Tate Patterson, <i>The Ohio State University</i> , USA
09:00	XI-1091-19 II-C-564-19 Niobium behavior during welding thermal cycle for niobium micro-alloyed HSLA steels HongHong Wang, <i>Wuhan University of Science and Technology</i> , China
09:25	XI-1093-19 IX-H-893-19 Failure analysis of duplex 2205 gas separator welds operating in process plant conditions Pekka Nevasmaa, <i>VTT</i> , Finland
09:50	XI-1097-19 A study about Stress Relaxation Cracking in austenitic stainless steel welds Marco Palombo, <i>Italiano della Saldatura</i> , Italy
10:15 – 10:45	Morning break
10:45	XI-1096-19 Optimising the safe design of pressure plant Isabel Hadley, <i>TWI</i> , UK
11:10	XI-1100-19 212-1614-19 The effect of groove shape on penetration depth in GTA welding of high Mn steel Miki Satoshi, <i>Nippon steel</i> , Japan
11:35	XI-1094-19 Quantifying the Significance of Joint Fit-up on Weld Quality in Pipeline Girth Welds Patricio Mendez, <i>University of Alberta</i> , Canada
12:00	Administrative matters

Notes: No C-XI meeting on Tuesday. Wednesday joint meeting with C-IX-C in Hotel Tatra, Salónik Grand.



Joint Commission XI and IX-C Agenda

Hotel Tatra, Room "Salónik Grand"
Wednesday, 10 July

	Welcome and IIW policies P. Mayr, T. Melfi
08:15	IX-C-1090-19 XI-1101-19 Solidification phenomena in creep resistant 9Cr weld metals and their implications on mechanical properties A. Nitsche HENRY GRANJON AWARD 2019
08:45	IX-C-1091-19 XI-1102-19 Utility properties of creep resistant boron and nitrogen containing martensitic steel base metal and weld deposits P. Brziak, L. Parilak, P. Pastier, P. Beraxa, P. Bekec, J. Pecha, M. Domankova
09:15	IX-C-1092-19 XI-1103-19 Hydrogen diffusion in creep-resistant 9%-Cr P91 multi-layer weld metal M. Rhode, T. Richter, A. Nitsche, P. Mayr, T. Mente, T. Böllinghaus
09:45	IX-C-1095-19 XI-1104-19 Microstructural evolution of creep resistant 2.25Cr-1Mo-0.25V weld metal H. Schönmaier, F. Grimm, R. Krein, K. Kirchheimer, R. Schnitzer
10:15 – 10:45	Morning break
10:45	IX-C-1096-19 XI-1095-19 Solid experience in the use of continuous monitoring systems pipeline thermal station during the operation on the basis of SHM technologies L.M. Lobanov, A.Y. Nedoseka, S.A. Nedoseka, S.I. Motrunich
11:15	IX-C-1097-19 XI-1105-19 Assessment of phase transformation at partially melted zone of dissimilar creep re-sistance P91 and alloy 800 to mitigate cracks E. M. Mvola Belinga, P. Kah, P. Layus, C. R. Das, J. Hald
11:45	IX-C-1098-19 XI-1106-19 Effect of Long-term Exposure at 650°C on Microstructural and Creep Characteristics of T92/ Super304H Dissimilar Welds N. Kumar, G.D. Janaki Ram, K. Devakumaran, R. S. Kottada

