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INTERNATIONAL INSTITUTE OF WELDING
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IX-2708re2-2020 Agenda for 2020 Meetings of Commission IX, 73th Annual Assembly, on July 15-25, 2020

COMMISSION IX

BEHAVIOR OF METALS SUBJECTED TO WELDING

IX-2708RE2-2020

AGENDA FOR 2020 MEETINGS OF COMMISSION IX, 73TH ANNUAL ASSEMBLY, ON JULY 15-25, 2020

Authors: **Hee Jin KIM**

KISWEL, Korea
Phone: +82-10-5308-7180
kimheejin0827@gmail.com

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AGENDA FOR 2020 MEETINGS OF COMMISSION IX, 73TH ANNUAL ASSEMBLY, ON JULY 15-25, 2020

Program Summary

July 15, 2020 (Wednesday)	13:00 - 16:00	General Assembly and Opening <i>Venue : on-line</i>
July 22, 2020 (Wednesday)	13:00 - 13:05 13:05 - 16:00	Opening of C-IX meetings Commission IX-L meeting <i>Venue : on-line</i>
July 23, 2020 (Thursday)	13:00 - 13:20 13:20 - 14:00	Report of MOM of 2019 AA Commission IX-NF meeting <i>Venue : on-line</i>
July 24, 2020 (Friday)	13:00 - 13:15 13:15 – 15:15 15:15 - 16:00	Video presentation of IIW and WithW Commission IX-H meeting Summary of C-IX meetings <i>Venue : on-line</i>

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.

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Wednesday, July 22, 2020

I. Opening Session

1. Opening and welcome by the Chair
2. Approval of Agenda (IX-2708re1-2020)
3. Approval of Minutes of AA Meeting (IX-2071-19) of 2019 AA

II. Commission IX-L: Low alloy steel welds

1. Administration matters of IX-L by Prof. Norbert Enzinger, Chair of IX-L
2. Technical Presentation of documents:

IX-2711-2020 IX-L-1222-2020	Development of surface coating systems for high strength low alloyed steel filler materials <i>T. Gehling, K. Treutler, V. Wesling</i>
IX-2712-2020 IX-L-1223-2020	Beneficial use of hyperbaric process conditions for the welding of high strength low alloyed steels <i>K. Treutler, S. Brechelt, H. Wiche, V. Wesling</i>
IX-2713-2020 IX-L-1226-2020	Waiting time before NDT of welded offshore steel grades under consideration of delayed hydrogen assisted cracking <i>E. Wilhelm, T. Mente, M. Rhode</i>
IX-2714-2020 IX-L-1229-2020	Numerical study of material flow in a molten pool of the workpiece vibration assisted welding <i>Habib Hamed Zargari, Kazuhiro Ito, Abhay Sharma</i>
IX-2715-2020 IX-L-1231-2020	Application of Metal-Cored-Wires in wire-based Additive Manufacturing of tool components <i>F. Pixner, A. Zelić, M. Decherf, M. Lasnik and N. Enzinger</i>
IX-2716-2020 IX-L-1233-2020	The effect of flame straightening thermal cycles on the microstructural properties of high-strength steels <i>L. Gyura, M. Gáspár, A. Balogh</i>
IX-2717-2020 IX-L-1227R1-2020	Characterization of Local Brittle Layer formed in EG weld metals <i>K. Seo, H. S. Ryoo, <u>H.J. Kim</u>, J. G. Yoon, and C. Lee</i>
IX-2718-2020 IX-L-1234-2020	Effect of joint design on mechanical and microstructural characteristics of MAG welded modern high strength steel <i><u>H. Latifi</u>, P. Vilaça, G. Marquis</i>

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Thursday, July 23, 2020

III. Commission IX-NF: Non-ferrous materials

1. Administration matters of IX-NF by Dr. Hee Jin KIM, Chair of C-IX
2. Presentation of documents:

IX-2719-2020 IX-NF-22-2020	Beneficial use of hyperbaric process conditions for welding of aluminum and copper-alloys <i>K. Treulter, S. Brechelt, H. Wiche, V. Wesling</i>
IX-2720-2020 IX-NF-23-2020	Influence of Ni-coating quality on the US-Welding process of Al/Cu joints <i>J.P. Bergmann, T. Köhler, M.Grätzel</i>

Friday, July 24, 2020

IV. Commission IX-H: Welding of stainless Steels and Nickel-base Alloys

1. Administration matters of IX-H by Dr. Elin Westin, Chair of IX-H
2. Technical Presentation of documents:

IX-2707-2020 IX-H-912-2020	Weldability of 316L Austenitic Stainless Steel Additive Manufactured components- AM welded to conventional <i>S. Huysmans,, E. Peeters, E. De Bruycker, K. De Prins</i>
IX-2706-2020 IX-H-911-2020	Promoting Austenite Formation in Laser Welding of Duplex Stainless Steel –Impact of Shielding Gas and Laser Reheating <i>A. Baghdadchi , V. A. Hosseini, K.I Hurtig, L. Karlsson</i>
IX-2705-2020 IX-H-895-2020	Microstructure of laser metal deposited duplex stainless steel: influence of the shielding gas and heat treatment <i>M.A. Valiente Bermejo, K. Thalavai Pandian, B. Axelsson, E. Harati, A. Kisielewicz, L. Karlsson</i>
IX-2704-2020 IX-H-896-2020	Performance of FeCrAl overlay welds on superheater tubes exposed on-site to boiler environments <i>M.A. Valiente Bermejo, L. Magniez, A. Jonasson, S. Selin, M. Frodigh, K. Hurtig, L-E. Stridh, L. Karlsson</i>
IX-2703-2020 IX-H-905-2020	Effect of Welding Parameters on Microstructure of Weldments of Newly Developed Duplex Stainless Steel (UNS S82551) <i>K. Yamada, D. Motoya, H. Amaya, K. Ogawa, K. Sotoudeh, B. Holmes, U. Ofem, H. Dong</i> Cancelled

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V. Meeting Summary and Others

1. Review of Recommendations
2. Review of Resolutions
 - Appointment of new Chair for IX-NF
3. Review of Administrative matters
4. Plan for Intermediate Meeting(s) of 2021
 - Place : Incheon, Korea
 - Date : March 9-11, 2020
 - Joint meeting with C-II
5. Any other business
6. Adjournment of Commission IX

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