IIW COMMISSION II
"ARC WELDING AND FILLER METALS"
Chair: Gerhard Posch (Austria)
Vice Chair: Arun Bhaduri (India)

IIW 2018 Annual Assembly – Denpasar Bali (Indonesia)

Preliminary AGENDA

Time schedule for Social Events and Commission II activities

Sunday, 15th July
14:00 – 16:00 IIW General Assembly
Venue: Nusa Dua Hall 3
Bali Nusa Dua Convention Center (BNDCC)

18:00 – 19:30 Opening Ceremony
Venue: Nusa Dua Hall 4, BNDCC

19:30 – 22:00 Welcome Reception
Venue: Taman Jepun, BNDCC

Monday, 16th July
14:00 – 18:00 Commission II regular meeting (C-II A)
Venue: ULUWATU 7, BNDCC

19:00 – 23:00 Indonesian Night
Venue: Taman Jepun BNDCC / Taman Bhagawan

Tuesday, 17th July
14:00 – 18:00 Commission II regular meeting (C-II C)
Venue: ULUWATU 1, BNDCC

Wednesday, 18th July
14:00 – 18:00 Commission II regular meeting (C-II E)
Venue: TAMANSARI 2, BNDCC

19:30 – 23:00 Gala Banquet
Venue: Nusa Dua Hall 5, BNDCC
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)
IIW Commission II

SUBCOMMISSION II-A MEETING
Metallurgy of Weld Metals

Preliminary Agenda

Chair: Thomas Kannengiesser (Germany)

Monday, 16th July 2018, 14:00-18:00
Venue: ULUWATU 7, Bali Nusa Dua Convention Center (BNDCC)

1. Opening remarks
   - IIW Antitrust policy

2. Administrative matters of Sub Commission II-A
   - II-2080r1-18: Approval of the agenda
   - II-2058-17: Report from Annual Assembly 2017/Shanghai, Sub commission II-A by A. Bhaduri
   - II-2084-18 (II-A-xxx-18): List of members of subcommission II-A by T. Kannengiesser

3. Hydrogen in weld metal
   - II-2097-18 (II-A-349-18): “Investigation of diffusible hydrogen content in drawn arc stud weld metal” by O. Braetz and K.-M. Henkel

4. The constitution of weld

5. Metallurgy of Additive Manufactured Components
5. Weld metal cracking

6. Development and behaviour of filler metals for HSS

7. Working program of Sub Commission II-A

8. Any other business

9. Date and venue of next meeting
IIW Commission II

SUBCOMMISSION II-C MEETING
Testing and Measurement of Weld Metal

Preliminary Agenda
(II-C-xxx-18)

Chair: Zhuyao Zhang (United Kingdom)

Tuesday, 17th July 2018, 14:00-18:00
Venue: ULUWATU 1, Bali Nusa Dua Convention Center (BNDCC)

1. Opening remarks
   - IIW Antitrust policy

2. Administrative matters of Sub Commission II-C
   - II-2080r1-18: Approval of the agenda
   - II-2058-17: Report from Annual Assembly 2017/Shanghai, Sub commission II-C by A. Bhaduri
   - II-2085-18 (II-C-xxx-18): List of members of Sub commission II-C by Z. Zhang
   - II-2088-18 (II-C-xxx-18): List of documents of Sub commission II-C by Z. Zhang

3. Ferrite in high alloyed weld metal
   - II-2074-18 (II-C-548-18): “Effect of ferrite content on mechanical properties and stress corrosion cracking resistance in 22 Cr 5 Ni duplex stainless steels welded joints” by P K Nanavati, Damian J Kotecki, Sanjay N Soman

4. Testing of weld metal for hot cracking and micro fissuring
   - II-2073-18 (II-C-547-18): “H-ESC: an innovation in high speed electro slag stripcladding” by Vincent van der Mee, Pallav Chattopadhyay, Zhuyao Zhang

5. Corrosion testing of weld metal
   - II-2078-18 (II-C-552-18): “Pitting corrosion resistance properties of superduplex stainless steel weld metals and influencing factors” by Vincent van der Mee, Zhuyao Zhang, Mark Golding, Jordi Donate, Alex Malioglou

6. Procedures for weld metal chemical analysis and weld metal sample preparation – Comparison of analysis methods
   - No document

7. Testing of high-strength weld metals
   - II-2075-18 (II-C-549-18): “Systematic role of Ti & Mn in microstructure and toughness of re-heated weld metal” by Honghong Wang, Z Tong, Glyn M Evans
8. Testing of Creep- and heat resistant weld metal
   - II-2077-18 (II-C-551-18): “Simulative accelerated creep test for steels and welds” by Stan T. Mandziej

9. Testing of non-ferrous weld metal
   - No document

10. Working program of Sub Commission II-C
    - II-2094-18 (II-C-xxx-18): SC II-C Proposed working program 2018/19 by Z. Zhang

11. Any other business

11. Date and venue of next meeting
IIW Commission II

SUBCOMMISSION II-E MEETING
Standardization

Agenda
(II-E-772-18)

Chair: David Fink (USA)

Wednesday, 18th July 2018, 14:00-18:00
Venue: TAMANSARI 2, Bali Nusa Dua Convention Center (BNDCC)

1. Opening remarks
   • IIW Antitrust policy

2. Administrative matters of Sub Commission II-E
   • II-2080r1-18 (II-E-772-18): Approval of the agenda
   • II-2058-17: Report from Annual Assembly 2017/Shanghai, Sub commission II-E by A. Bhaduri
   • II-2083-18 (II-E-xxx-18): Minutes of the Intermediate Meeting of SC II-E, Genova, Italy, March 2018 by D. Fink
   • II-2086-18 (II-E-xxx-18): List of members of Sub commission II-E by D. Fink
   • II-2089-18 (II-E-771-18): List of documents of Subcommission II-E by D. Fink

3. Update standards for welding consumables in review
   • II-2090-18 (II-E-773-18): “2018 Update on Standards for Welding Consumables under Review” by D. Fink
   • Route 2 Standards currently in in publication stage
     o ISO 3690 Welding and allied processes - Determination of hydrogen content in arc weld metal
     o ISO 8249:2000 Welding - Determination of Ferrite Number (FN) in austenitic and duplex ferritic-austenitic Cr-Ni stainless steel weld metals
   • Standards for Systematic Review (Route 1) for 2018
   • Standards for Systematic Review (Route 2) for 2018
     o II-2050-17 (II-E-748-17): Systematic Review of ISO 6847:2013 Welding consumables - Deposition of a weld metal pad for chemical analysis
     o II-2091-18 (II-E-774-18): Comments submitted to SC II-E

4. Matrix filler metal classification standards
   • II-2092-18 (II-E-775-18): Matrix of filler Metal Classifications by D. Kotecki
5. Working program of Sub commission II-E
   • II-2093-18 (II-E-769-18): SC II-E Proposed working program for 2017/18 by D. Fink

9. Any other business

8. Date and venue of next meeting