Commission XV

DESIGN, ANALYSIS AND FABRICATION OF WELDED STRUCTURES

C-XV Meeting, IIW on-line Annual Assembly

XV-1618r2-2021 – DRAFT Agenda

12-13 July, 2021
Chair: Dr. Stefano Botta (Italy)
Vice Chair: Dr. Jean Gerald (France)
Vice Chair: Prof. Dr. Károly Jármai, (Hungary)

XV-A: Analysis
Chair: Prof. Kyong Ho Chang (Republic of Korea)

XV-B: Design
Chair: (currently no Chair)

XV-C: Fabrication
Chair: Dr. Robert Shaw

XV-D: Planar Structures
Chair: Dr. Koji Azuma (Japan)

XV-E: Tubular Structures
Co-Chair: Jeffrey Packer (Canada)
Co-Chair: Jaap Wardenier (Netherlands)

XV-F: Economy
Chair: Prof. Dr. Karoly Jarmai (Hungary)

JWG XIII-XV: Fatigue Design Rules
Chair: Prof. Dr.-Ing. Adolf Hobbacher (Germany)
Time: CEST
12 July 2021 – Day One

13:00 - 13:20 - Welcome Address (S. Botta, C-XV Chair, Italian Institute of Welding, ITALY)
- Approval of Agenda (XV-1618r2-2021)
- Minute of Online 2020 C-XV Meeting (XV-1617-2020)

SESSION 1: ADMINISTRATIVE MATTERS
13:50 - 14:00 - XV-1624-2021 – Annual Report 2021 of IIW Sub-commission XV-E – Tubular Structures (Jeffrey PACKER / Jaap WARDENIER)
14:00 - 14:10 - XV-1628-2021 – Annual Report 2021 of IIW Sub-commission XV-F – Economy (Karoly JARMAI)

14:20 - 14:40 Break

SESSION 2: TECHNICAL PRESENTATIONS
14:40 - 15:00 - XV-1621-2021 – An Investigation on Laser-arc Hybrid Welding of One-pass Full-Penetration Butt-joints for Steel Bridge Members (M. HIROHATA, G. CHEN, K. ORIOKA, K. HYOMA, N. MATSUMOTO, K. INOSE)


15:40 – 16:00 - Day One Closing Remarks
13 July 2021 – Day Two

13:00 - 13:10 - Welcome Address (S. Botta, C-XV Chair, Italian Institute of Welding, ITALY)

SESSION 2: TECHNICAL PRESENTATIONS (CONT.)

13:10 - 13:30 - XV-1622-2021 – Improvement of weld details to avoid brittle fracture initiating at the toes of weld access hole of the beam end (K. AZUMA, T. IWASHITA, T. ITATANI)


13:50 - 14:10 - XV-1631-2021 – Overview on the digitized production of welded steel structures (T. SKRIKO, A. AHOLA, T. BJÖRK)

14:10 - 14:30 - XV-1632-2021 – Verification of the effect of stiffener to prevent fatigue cracking in KT-Type pipe joint by fatigue FE-Analysis (S. MUZZAFAER, K. CHANG, Z. WANG, S. KANG)

SESSION 3: C-XV BUSINESS


14:40 – 14:50 - Online visit from the WitW Editors and the IIW Secretariat

14:50 – 14:55 - Procedure for the election/confirmation of the C-XV Chair

SESSION 4: CLOSING REMARKS

- Review of Recommendations
- Review of Resolutions
- Any other business

C-XV meeting, IIW on-line Annual assembly, 12-13 July, 2021