NDT and Quality Assurance of Welded Products

Bratislava, Slovakia, July 7th – July 12th, 2019

Crowne Plaza Bratislava, Vienna (Hall1)
Monday July 8th, 2019: 14:00 – 18:00

14:15 – 14:40 Opening of the Meeting, Marc Kreutzbruck
Adoption of the Agenda, Marc Kreutzbruck

V-1875-19 Annual Report of Commission V, Marc Kreutzbruck (20 min)
Remarks

Sub-commission VA Radiographic Based Weld Inspection Techniques, Uwe Zscherpel

14:40 – 15:20

V-1876-19 Annual Report of Sub-commission VA, Uwe Zscherpel (20 min)

V-1877-19 X-ray back scattering for additive manufacturing, Uwe Zscherpel (20 min)

Sub-commission VC Ultrasonic Based Weld Inspection Techniques, Daniel Chauveau

15:20 – 17:30

V-1878-19 Annual Report of Sub-commission VC, Daniel Chauveau (20 min)

V-1879-19 Progress report from FMC/TFM working group and standardization, Daniel Chauveau (30 min)

- Vote submission ISO DIS, FMC/TFM Document

Coffee Break
V-1880-19  TFM in TWI, Effective and safe adoption of emerging ultrasonic imaging technology for industrial inspection, *Channa Nageswaran* (20 min)

- Vote subchair VC

V-1881-19  Revision of the IIW Austenitic Inspection Handbook, *Channa Nageswaran* (20 min)

- Resolution IIW Austenitic Inspection Handbook

---

**Crowne Plaza Bratislava, Vienna (Hall1)**

**Wednesday July 10th, 2019: 8:30 – 18:00**

**8:30 – 8:50**
Opening of the meeting and review of previous resolutions, *Marc Kreutzbruck* (20 min)

**Sub-commission VD**  Structural health monitoring, *Bastien Chapuis*

**8:50 – 9:30**

V-1882-19  Annual Report of Sub-commission VD, *Bastien Chapuis* (20 min)

V-1883-19  Passive guided wave tomography and its potential for the inspection of pipes, *T. Druet, H.T. Hoang, B. Chapuis, E. Moulin* (20 min)

**Sub-commission VF**  NDT reliability including Simulation of NDT Techniques, *Pierre Calmon*

**9:30 – 10:10**

V-1884-19  Annual Report of Sub-commission VF, *Pierre Calmon* (20 min)

V-1891-19  Recent advances in modelling approaches for the simulation of ultrasonic testing-Application to weld inspection, *P. Calmon, E. Demaldent, A. Imperiale, N. Leymarie* (20 min)

Coffee Break

**Sub-commission VE**  Weld Inspection techniques based on Electrical, Magnetic, and Optical Methods, *Marc Kreutzbruck*

**10:30 – 12:30**

V-1885-19  Annual Report of Sub-commission VE, *Marc Kreutzbruck* (20 min)

V-1886-19  Need for further steps in standardization of File formats such as DICONDE?, *Marc Kreutzbruck* (20 min)


- Vote subchair VE
V-1888-19  Update on revision of ISO 24497 standards on Metal Magnetic Memory, Uwe Zscherpel (20 min)

- Vote submission DIS Draft ISO 24497, revision on MMM

V-1889-19  Study of the structure and mechanical properties of engineering products made of austenitic-martensitic steel, using the metal magnetic memory method, A. Dubov, Al. Dubov, A. Marchenkov, S. Kolokolnikov (20 min)

Lunch Break

14:00 – 15:00

V-1890-19  ECA- Eddy Current Arrays, Casper Wassink (30 min)

- Resolution Working group ECA

Conclusion of the Meeting