

MTI and JSCE International Symposium for Chemical Plant

4th June, 2024

MTI and JSCE sub-committee meeting (13:30-17:00)

Welcome Reception (18:30-20:30)

5th June, 2024

Session I (9:00-10:30)

Chairman Masao Nakahara

- Greeting from MTI AsiaTAC
- Greeting from sub-committee of material engineer of CPI in JSCE
- Greeting from MTI headquarters
- B-301 Introduction of MTI and its Materials Engineering Projects; Kirk Richardson and Paul Liu (MTI)
- B-302 Evaluation of Corrosion Resistance on a New Lean Duplex Stainless Steel SUS821L1 for Application in Chemical Plants; Wada Masahiro, Hoshika Takahisa, Onishi Kozo (Sumitomo Chemical) , Oikawa Yusuke, Okada Nobuyuki (NSSC)
- B-303 Advanced Austenitic Alloy N08935 - Properties and Fabrication; Dragon Hao (Alleima)

Session II (10:45-12:00)

Chairman Henry Ye

- B-304 Carburization Resistance in Carburized Gas Atmosphere for UNS S34752; Norifumi Kochi, Tomoaki Hamaguchi, Yuhei Suzuki and Hayato Kayama (Nippon Steel)
- B-305 Study on Clad Plate of New NiCrMo Alloy; Dior Chen (Haynes International), S.D. Sparkowich (NobelClad), J.G. Banker (Clad Metal Consulting) and P.E.Manning (Haynes International)
- B-306 Repair Method and Corrosion Resistant Materials for the top of Atmospheric Distillation Column Subjected to Severe Hydrochloric Acid Corrosion; Ishikawa Hiroki (Idemitsu Kosan)

Session III (13:00-14:15)

Chairman Tzu-Ping Cheng

- B-307 Corrosion Performance of 316L, 2205, 904L, and C276 Alloys in HCL-Related Chemical Process; Henry Ye (Chemours Chemical)
- B-308 The Case Study of Stress Corrosion Cracking in Carbon Steel Gas Ammonia Piping; Kurihara Tomoyuki, Ishigai Tetsuya, Kobari Masanori (Asahi Kasei)
- B-309 Corrosion Case Study in Hot Concentrated Alkaline Solutions; Ohotsu Takao, Tsugawa Takaomi (Mitsubishi Chemical)

Session IV (14:30-15:45)

Chairman Masao Nakahara

- B-310 Investigation of Corrosion Mechanism in the Overhead System of Naphtha Splitter Utilizing Online Thickness Monitoring Sensors; Tokuoka Satoshi, Toba Kazuhiro (Idemitsu Kosan)
- B-311 Case Studies of High Velocity Thermal Spray Application in Refineries and Petrochemical Plants; Rajaram Chidambaram, (Exxon Mobil Asia Pacific Pte) Kiran Chandran, Kamaraja P (Exxon Mobil Chemicals Operation PTE)
- B-312 Evaluation of Degradation in Fluoropolymer Lining by Optical Coherence Tomography; Idehara Ryuuichi, Hirayama Takakazu, Ishi Kouhei, Noumi Masao, Sakakura Atsushi (Daikin Industries)

Session V (16:00-16:50)

Chairman Masao Nakahara

- B-313 A Case Study of 2205 Duplex Stainless Steel Weld Failure; Tzu-Ping Cheng, Cheng-Chang Liu (ITRI)
- B-314 Evaluation of Impervious Graphite Tubes of Shell-and-Tube Heat Exchangers by Eddy Current Testing; Kanda Yasuhiro, Nakagawa Yuichi, (Mitsui Chemicals); Naitou Youhei, Takemoto Yasunobu, Hirayama Takakazu (Daikin Industries); Onishi Masakazu (Nihon Densokuki)