

Komisja IX – Zachowanie się metali poddanych spawaniu

- IX-2471-14 A study on the development of creep rupture and temper embrittlement properties in $2^{1/4}$ Cr-1Mo-V steel weld metal - G. Taniguchi et al. (Japan)
- IX-2472-14 Dissimilar welding of the creep resistant steels CB2 and P92 with flux cored wires - S. Baumgartner et al. (Austria)
- IX-2473-14 Creep and damage investigation of advanced martensitic chromium steel weldments - C. Schlacher et al. (Austria/Germany)
- IX-2474-14 Studies on the microstructure and toughness of simulated heat affected zone in a modified 9Cr-1Mo steel – H.C. Dey et al. (India)
- IX-2475-14 Hydrogen effect on degradation of mechanical properties in T24 weld metal and simulated coarse grained HAZ – M. Rhode, T. Kannengiesser, J. Steger (Germany)
- IX-2476-14 Microstructure and mechanical properties of friction stir welded 11Cr-ferritic/martensitic steel – Y.S. Sato et al. (Japan)
- IX-2477-14 Investigation on joint characteristics of laser beam welded press hardenable ultra-high strength steels with ferritic-martensitic and martensitic microstructure – V. Janzen et al. (Germany)
- IX-2478-14 Effect of shielding gas on welding performance and properties of duplex and superduplex stainless steel welds - M.A. Valiente Bermejo et al. (Sweden)
- IX-2479-14 Effect of the purging gas on properties of TIG welded 2205 duplex stainless steel –E. Taban et al. (Turkey/Austria)
- IX-1280-14 Development of Vrestraint test procedure with laser beam welding and evaluation of solidification cracking susceptibility in Type 316FR stainless steel welds – E.J. Chun et al. (Japan)
- IX-2481-14 K-S variant analysis of simulated weld heat-affected zone in low carbon steel - H. Terasaki, Y. Komizo (Japan)
- IX-2482-14 Corrosion resistance of weld HAZ in 304 austenitic stainless steel strained after grain boundary engineering process – S. Tokita et al. (Japan)
- IX-2484-14 Bond formation between Al tapes during very high power ultrasonic additive manufacturing – H.T. Fujii et al. (Japan)
- IX-2485-14 Friction stir welding of aluminium EN AW 2618 with varying pin length (abstrakt) -T. Weinberger, G. Figner (Austria)
- IX-2487-14 Microstructural development on hybrid friction diffusion bonding of aluminium tube-to-tube-sheet joints (abstrakt) - A. Dethlefs et al. (Germany)

- IX-2489-14 Crystallographic analysis of transformation behaviour of acicular ferrite from B1 type compounds in steels – S. Nambu et al. (Japan)
- IX-2490-14 Formation of Mn-depleted zone in Ti-containing weld metals – K. Seo et al. (Korea/UK)
- IX-2492-14 Elemental segregation during resistance spot welding of boron containing advanced high strength steels – M. Amirthalingam et al. (The Netherlands)
- IX-2493-14 Hydrogen evolution of Cu precipitation 780MPa grade steel HAZ and its cold cracking susceptibility – T. Kasuya et al. (Japan)
- IX-2494-14 Role of inclusions for formation of acicular ferrite in low carbon steel weld deposits - A.Takada, H. Terasaki, Y. Komizo (Japan)
- IX-2495-14 Round-robin test on HAZ simulation of a HSLA steel – A. Scotti, H. Li, R.M. Miranda (Brazil/Australia/Portugal)
- IX-2496-14 Evaluation of the factors influencing the static strength of HAZ softened HSLA steel weld – W. Mauer et al. (Austria)
- IX-2500-14 Damage assessment of creep affected weldments of a Grade 91 header component after long-term high temperature service - A. Nitsche, D. Allen, P. Mayr (Germany/UK)
- IX-2501-14 Experience of welding martensitic steels like T/P91, T/P92 and VM12-SHC for thermal power plants – K.G. Tak, H. Heuser (Germany)
- IX-2502-14 Friction spot joining of aluminum wires to copper terminals – J.P. Bergmann, R.Schürer, H. Steinberg (Germany)
- IX-2503-14 Hybrid friction diffusion bonding and friction joining for hybrid joints: potentials and perspectives - J.P. Bergmann, R. Schürer (Germany)
- IX-2504-14 Welding of semi-solid metal processed rheocast Aluminium Alloy 2139 - C.R. Gilbert, M. Du Toit, H. Möller (South Africa)
- IX-2505-14 Reduction in fatigue strength of arc welded aluminium 5083-H111 on immersion in NaCl – M. Du Toit, K. Mutombo (South Africa)
- IX-2508-14 List of documents - 2014