Komisja II – Spawanie łukowe

II-1738-10 Weldability of novel Fe-Mn high-strength steels for automotive applications - D. Keil, M. Zinke, H. Pries (Germany)

II-1740-10 Localised corrosion resistance of welded austenitic and lean duplex stainless steels – M. M. Johansson et al (Sweden)

II-1741-10 Effect of Phosphorous and Silicon on hot cracking susceptibility of 14Cr-15Ni-2.3 Mo Ti-modified fully austenitic stainless steel - G. Srinivasan et al (India), A. Klenk (Germany)

II-1742-10 Contribution to the capability of filler metals to influence pulsating fatigue life - M. Stoschka et al (Austria)

II-1743-10 Properties of modern boron-alloyed creep resistant FCAW welds - S. Baumgartner, G. Posch, P. Mayr (Austria)

II-1745-10 Additional recommendations for welding Cr-Mo-V steels for petrochemical applications - C. Chovet, J.P. Schmitt (France)

II-1746-10 Matrix of ISO filler metal draft standards - Status as of June 2010 - D. Kotecki (USA)

II-1747-10 Proposed round robin reproducibility of measurement of trace elements in steel weld metal -D. J. Kotecki (USA)

II-1748-10 Welding stainless steels - Experience with water heaters – E.M. Westin, D. Serrander (Sweden)

Komisja III – Zgrzewanie rezystancyjne i procesy pokrewne

III-1570-10 Better understanding of the upset welding process - K. Matsuyama, K. Hasegawa, Y. Takahashi (Japan)

III-1571-10 FEM simulation of resistance spot welding in high strength steel sheets for auto-body - G. Murayama, H. Oikawa (Japan)

III-1572-10 Resistance spot welding of magnesium alloy sheets with cover plates - G. Murakami, et al (Japan)

III-1573-10 Performance of resistance spot welded joints in advance high strength steel in static and dynamic tensile tests - N. den Uijl et al (Netherlands)

III-1574-10 joint characteristic improvement during high frequency welding by process integrated weld treatments – H.Wiche, V. Wesling, A. Schram (Germany)

III-1575-10 Advanced eddy current probes: developments and applications to FSpW and composite materials - T.G. Santos et al (Portugal) , R. M. Miranda (Germany)

III-1576-10 A concept of RSW monitoring system for a stable weld quality - I. Polajnar, P. Podržaj - (Slovenija)

III-1578-10 Influence of production-related gaps on strength properties and deformation behaviour of spot welded TRIP Steel HCT690T - S. Brauser (Germany)

III-1579-10 Case study for welding simulation in the automotive industry - W. Perret et al (Germany)

III-1581-10 Welding range scatter assessment - T. Dupuy, E. Groleau (France)

III-1582-10 Induction excited thermography: a technique for defect visualizing at semi-structural adhesive bonds in car body structures - C Srajbr et al (Germany)

III-1585-10 Methods to obtain weld discontinuities in spot welded joints made of advanced high strength steels - H. Gaul et al (Germany)

Komisja IV – Spawanie wiązką skoncentrowanej energii

IV-1010-10 Comparison of wire electronic discharge machined and saw cut surfaces in Nitronic 40 stainless steel and vanadium materials - D.D. Kautz, P.W. Hochanadel (USA)

IV-1011-10 Measurement and simulation of residual strain in a laser welded titanium ring - S. Kabra et al (USA)

IV-1012-10 Laser beam welding in vacuum - A comparison with electron beam welding - U. Reisgen, S. Olschok, S. Longerich (Germany)

IV-1013-10 Image processing within robot based laser remote systems - From blind to viewing welding technologies - N. Meißner et al (Germany)

IV-1014-10 Laser twin-spot welding of 20 μm thick coated galvanised thin sheet C-Mn steels - J. Löthman, J. Hedegård, A. F. H. Kaplan (Sweden)

IV-1015-10 Welding of galvanized high-strength steels in a gap-free lap joint configuration by high-power fiber laser - S. Yang, B. Carlson, R. Kovacevic (USA)

IV-1016-10 Multi-passes narrow gap laser welding process for thick section stainless steels - S. Tarasawa et al (Japan)

IV-1017-10 Application of laser-arc hybrid welding to shipbuilding – H. Goda, H. Koga (Japan)

IV-1018-10 Laser welding of super elastic NiTi shape memory alloy - L. Alberty Vieira et al (Portugal)

IV-1019-10 Characterisation of focus shift in high power fiber laser welding - F. Vollertsen, D, Reitemeyer (Germany)

IV-1021-10 Development of high-quality laser welding process of magnesium alloy with modulated laser beam - T. Hoshino et al (Japan)

IV-1022-10 Development of Laser cutting method of mild steel plate using numerical fluid analysis – M. Nohara et al (Japan)

IV-1023-10 Laser beam weldability of austenitic and austenitic-ferritic high-manganese stainless steel sheets - V. Quiroz, A. Gumenyuk, M.Rethmeier (Germany)

IV-1024-10 Laser shock processing effectiveness in increasing the reliability of welded joints - D. Iordachescu et al (Spain), P. Vilaça (Portugal)

IV-1025-10 Distortion effects in micro welding with single-mode fiber laser - C Thomy, F. Möller, F. Vollertsen (Germany)

IV-1026-10 Interaction and influence of arc and laser welding parameters on the formation of laser GMA hybrid welds - J. Neubert, A. Dumm (Germany)

IV-1028-10 Three Arc Laser Hybrid Gas Shielded Metal Arc Welding High-performance processes for joining high-strength steel pipes of greater wall thickness - H. Staufer, S. Egerland (Austria)

IV-1029-10 Toroidal field coil case closure welding by laser welding technology - M. Fersini et al (Italy), H. Rajainmaki et al (Spain)

IV-1030-10 Process monitoring and macrostructure examination of low laser power hybrid gas metal arc welding on A36 steel - C. Roepke et al (USA)

IV-1031-10 High-Power Laser Butt Welding of High-Strength Steel Thick-Plate - S. Katayama et al (Japan)

IV-1032-10 Effect on laser beam deflection of plume and induced hot air above specimen during laser welding - M. Mizutani, S. Katayama (Japan)

IV-1033-10 Effects of phase ransformation on distortion and residual stress generated by lbw

XV-1353-10 on high strength steel – Y.-Ch. Kim, M. Hirohata, K. Inose (Japan)

Komisja V – Kontrola i zapewnienie jakości produkcji spawalniczej

V-1472-10 The metal magnetic memory method application for on-line monitoring of damage development in steel pipes and welded joints specimens – A. Dubov, S. Kolokolnikov (Russia)

V-1473-10 Effect of carbon content on eddy current response to sensitisation and intergranular corrosion in simulated heat affected zone of austenitic stainless steel - H. Shaikh et al (India)

V-1474-10 Estimation of hardness in Nickel-base hardfaced deposit on 316LN stainless steel by magnetic techniques – G. Chakraborty et al (India)

V-1475-10 Physical basics and industrial applications of 3MA – micromagnetic multiparameter microstructure and stress analysis – G. Dobmann (Germany)

V-1476-10 Non-destructive testing with micro- and mm-waves-where we are-where we go – G. Dobmann et al (Germany)

V-1477-10 Totals of the metal magnetic memory method development in Russia and other countries – A. Dubov, S. Kolokolnikov (Russia)

V-1478-10 Improvement of ultrasonic weld inspection using smart flexible probes – O. Paris, O. Casula, P. Benoist (France)

V-1479-10 Non-destructive testing. Inspection of aboveground pipelines and plant piping using long range guided waves with axial propagation – F. Bresciani (Italy)

V-1480-10 Recommandations for the use and validation of NDT simulation – P. Calmon (France)

V-1481-10 Comparison of Guided Waves Inspection and alternative strategies for inspection of insulated pipelines - C.H.P. Wassink, M.P.L. Engel (The Netherlands)

V-1482-10 Pipe-inspection with guided waves - G. Dobmann, H.-J. Salzburger, F. Niese (Germany)

V-1493-10 Magneto-elastic effects - G. Dobmann (Germany)

Komisja VIII – Higiena i bezpieczeństwo

VIII-2090r2-10	Lung cancer and arc welding – G. McMillan (United Kingdom)
VIII-2103-10	Qualification of safety welding experts – O. Godson (Nigieria)
VIII-2105-10	Guidance on qualification of Environmental Welding Coordinator – L. Costa (Italy)
VIII-2108-10	Exposure to nitrogen oxides (NO/NO2) in welding – V.E. Spiegel-Ciobanu (Germany)
VIII-2109-10	Focus on International and regional standards devoted to health, safety and environment – L. Costa (Italy)
VIII-2110-10	The EWF approach to the qualification of OHS and Environmental Welding Coordinators – L. Costa (Italy)
VIII-2111-10	Integrated management of quality, health, safety and environment in welding fabrication: International trends and future development – L. Costa (Italy)
VIII-2112-10	Statement of work for the paper - Notes on power efficiency in welding – L. Costa (Italy)
VIII-2113-10	Exposure to nitrogen oxides (NO/NO2) in welding - V.E. Spiegel-Ciobanu (Germany)
VIII-2114-10	WTIA proposal for IIW welding management systems - C. Smallbone (Australia)

Komisja IX - Zachowanie się metali poddanych spawaniu

IX-2324-10 Sensitisation of AISI 409 ferritic stainless steel during low heat input arc welding – M. Du Toit, C. Van Niekerk (South Africa)

IX-2325-10 Welding properties of duplex and superduplex stainless steels: Conventional and novel processes - E. Taban, E. Kaluc (Turkey)

IX-2326-10 Element distribution in lean duplex stainless steel welds – E.M. Westin, S. Hertzman (Sweden)

IX-2327-10 Weldability in dissimilar welds of steels to Ni-base alloys – B.T. Alexandrov et al (USA)

IX-2328-10 Weld properties and weldability in Sandvik Sanicro 69 filler materials – Z. Zhou, P. Stenvall (Sweden)

IX-2329-10 Influence of embedded microfissures on fatigue resistance of a welded joint -
XIII-2318-10 J. Wahlsten et al (Sweden)

IX-2331-10 Reference photo guide for stainless steel welds – B. Holmberg (Sweden)

IX-2332-10 Role of sulphur and phosphorus on ductility-dip cracking in multipass weld metal of alloy 690 – K. Nishimoto et al (Japan)

IX-2334-10 Effects of PWHT temperature on mechanical properties of high-cr ferritic heat-resistant steel weld metals - L.Chen, K.Yamashita (Japan)

IX-2336-10 Improvement in creep resistance of modified 9Cr-1Mo steel weldment by boron addition - C.R. Das et al (India)

IX-2337-10 Influence of pulse shaping during laser welding of lightweight materials – J. Wilden, T. Neumann, S. Jahn (Germany)

IX-2339-10 Systematic examination of precipitation phenomena associated with hardness and corrosion properties in friction stir welded aluminum alloy 2024 – S. Kurihara, Y. S. Sato, H. Kokawa (Japan)

IX-2341-10 Properties of laser-GMA-hybrid welded joints of X-70 pipe steel – P.Bernasovský et al (Slovakia), S. Grünenwald et al (Germany)

IX-2343-10 The lattice misfit between inclusion and acicular ferrite in low carbon low alloy steel weld – T. Yamada, H. Terasaki, Y. Komizo (Japan)

IX-2344-10 Hydrogen evolution from the welded joints with austenitic martensitic microstructures – K. Tadashi, H. Yuji, I. Hiroshige (Japan)

IX-2347-10 Effects of post weld heat treatment procedures on the hydrogen diffusion in high strength steel welds - T. Mente, Th. Boellinghaus, M. Schmitz-Niederau (Germany)

IX-2348-10 Grain size of acicular ferrite in ferritic weld metal – H.J. Kim, H.-S.Ryu (Republic of Korea)

IX-2351-10 Microstructural characteristics of copper cladding stainless steel made by cold spray and GTAW – H.-J. Sung, I.-P. Hong, K.-J. Kim (Republic of Korea)

IX-2352-10 A study of the continuous cooling behaviour and effect of preheat and interpass temperature on the HAZ of high strength quenched and tempered steel – L. Kuzmikova et al (Australia)

IX-2353-10 Comparable evaluation and investigation of sensitivity to hot cracking of welds and welded joints in welding of alloy Inconel 690 using wires Inconel 52 and Inconel 52 MSS – K. A. Yushchenko et al (Ukraine), E. Guyot (France)

Komisja X – Zagadnienia konstrukcyjne połączeń spawanych – zapobieganie pękaniu

X-1670-10 Evaluation method of Charpy impact toughness of laser welds using side-grooved specimen – Y. Takashima et al (Japan)

X-1672-10 Influence of cooling channel in first and side walls on welding residual stress of test blanket module for ITER - S. Nakamura et al (Japan)

X-1673-10 Estimation of hydrogen diffusivity in Cr-Mo-V steel welds - Influence of dehydrogenation heat treatment on hydrogen distribution in multi-layer welds of Cr-Mo-V Steel (Report 1) – M. Nakatani et al (Japan)

X-1674-10 Study of hydrogen distribution in X-groove joint of Cr-Mo-V steel welds - Influence of dehydrogenation heat treatment on hydrogen distribution in multi-layer welds of Cr-Mo-V steel (Report 2) – M. Abe et al (Japan)

X-1675-10 For safety of mega container ships, evaluation of brittle fracture toughness and investigation of structural arrestability – N. Kiji et al (Japan)

X-1676-10 Numerical investigation on BS-CTOD and ASTM-CTOD – T. Tagawa et al (Japan)

X-1677-10 Correction of fracture toughness for constraint loss in structural components. ISO27306 vs. FITNET/BS7910 – F. Miniami, M. Ohata, Y. Yamashita (Japan)

X-1678-10 Strain-based fracture assessment method in Japan: WES 2805-2007 - Y. Hagihara (Japan)

X-1679-10 Influence of weld strength mis-match on failure behaviour of strain hardened austenitic stainless steel - P. Nevasmaa et al (Finland)

X-1680-10 Fatigue and Fracture Strength of Ship Block Joints Welded with Large Gaps

XIII-2336-10 W. Fricke et al (Germany)

X-1681-10 Analysis of residual stress relief using cyclic hardening models - D. Siegele, S. Moroz, I. Varfolomeev (Germany)

X-1682-10 Treatment of welding residual stresses in probabilistic failure assessment of pipes - I. Varfolomeev, D. Ivanov, D. Siegle (Germany)

X-1683-10 Strain distribution in welded aluminium alloys - M. Workowski, T. Nitschke-Pagel, K. Dilger (Germany)

X-1684-10 Calculation of welding residual stresses under complex process condition - M. Urner, T. Welters, K. Dilger (Germany)

X-1686-10 *XIII-2349-10* *XV-1359-10*	IIW round robin residual stress calculations and measurements - H.Wohlfahrt, T. Nitschke-Pagel, K. Dilger (Germany)
X-1688-10	Highlights of residual stress profile development for IIW FFS Annex C - P. Dong (USA)
X-1689-10	Characterization of weld residual stresses: A fitness-for-service prospective - P. Dong (USA)
X-1690-10	A Note on the Comparison of CTOD calculated to BS 7448 and ASTM E1820 – A. Malpas, H. Pisarski (UK)
X-1692-10	Residual stress in steel welded repairs measurement, simulation, and fitness-for-purpose assessment – A. M. Paradowska et al (United Kingdom)

Komisja XII – Elektryczne spawanie łukowe w osłonie gazów i pod topnikiem

XII-1983-10 Surrogate modelling and approaches towards self-optimisation for complex GMAW processes - U. Reisgen et al (Germany)

XII-1984-10 Numerical and experimental studies of the influence of process gases in TIG welding – J. Zahr et al (Germany)

XII-1985-10 Cathode focussed TIG – fundamentals and applications – M. Schnick et al (Germany)

XII-1986-10 Development of submerged arc welding method in a vertical-up position – R. Sakamoto et al (Japan)

XII-1987-10 Development of submerged arc welding in vertical up position - a study on welding consumables for 9%Ni steel – M. Mizumoto, H. Nagasaki (Japan)

XII-1989-10 Applications of innovative variants in MIG/MAG welding – N. Pepe et al (Portugal)

XII-1990-10 Observation of weld pool profiles in short-circuiting gas metal arc welding - C.S. Wu, J.Q. Gao, D.M. Wang (China)

XII-1991-10 Gap tolerant laser GMA Hybrid welding process for thin sheet materials - C Thomy, T. Seefeld, F. Vollertsen (Germany)

XII-1992-10 Selecting optimized gas mixes to increase first the welding performances (MIG &TIG) of the light material - J.M. Fortain (France)

XII-1993-10 Spatter and fume reduction in CO2 gas shielded arc welding by regulated globular transfer – K. Yamazaki et al (Japan)

XII-1994-10 Melting phenomenon of hot-wire GTA and hot-wire laser welding process – K.Shinozaki et al (Japan)

XII-1995-10 Visualization and digitization of welder's skill for education and training – S. Asai, T. Ogawa, H. Takebayashi (Japan)

XII-1998-10 Heat transfer to the wire electrode in AC-MIG welding – G. Huismann (Germany)

XII-1999-10 Computational fluid dynamics analysis of shielding gas behavior in tungsten inert gas welding of titanium plate – Y. Wada et al (Japan)

XII-2000-10 Experimental study of erosion of hafnium electrodes for oxygen plasma arc
I-1176-10 cutting – Y. Yamaguchi et al (Japan)

XII-2002-10 Development of welding monitoring system for in-process quality control of thick walled pipe - Y. Fujita et al (Japan)

XII-2003-10 Operation and visualisation of the laser hybrid twin welding process – H. Staufer, G. Reinthaler, H. Ennsbrunner (Austria)

XII-2004-10 An approach to adaptive control of GMAW based on laser profile measurement – D. Bračun, I. Polajnar, A. Sluga (Slovenija)

XII-2005-10 Monitoring and control of arc and weld pool by power source characteristic and torch weaving in V groove gap welding – K. Oshima et al (Japan)

XII-2006-10 Characterization of cold lap defects in tandem arc MAG welding – P. Li (Sweden)

Komisja XIII – Wytrzymałość zmęczeniowa konstrukcji i elementów spawanych

XIII-2299-10	Commission XIII Fatigue of welded components and structures – G. Marquis (Finland)
XIII-2312-10	Fatigue design of welded structures – effects of weld quality and residual stresses - Z. Barsoum (Sweden)
XIII-2313-10	An efficient meshing approach for the calculation of noth stresses - J. Baumgartner, T. Bruder (Germany)
XIII-2314-10 *XV-1349-10*	New results in multitiaxial fatigue of welded aluminium joints - J. Wiebesiek, C. M. Sonsino (Germany)
XIII-2315-10 *XV-1350-10*	Interpretation of overload effects under spectrym loading of welded high strength steel joints - C. M. Sonsino et al (Germany)
XIII-2316-10	Fatigue Life Extension Procedure by Ultrasonic Peening - L. L. Martinez (Netherland)
XIII-2317-10	Development of weld quality criteria based on fatigue performance – B .Jonsson et al (Sweden), G. Marquis (Finland)
XIII-2318-10 *IX-2329-10*	Influence of embedded microfissures on fatigue resistance of a weld joint J. Wahlsten et al (Sweden)
XIII-2319-10	Stress analysis and fatigue life assessment of welded structures - G. Glinka (Finland), A. Chattopadhyay (Canada)
XIII-2320-10	Inventing Ultrasonic Impact Technology and its Industry Impact – L. Kelner, D. Sharman (USA)
XIII-2321-10	Classification of several welded joints for load carrying attachments according to their fatigue strength – F. Maltrud et al (France)
XIII-2322-10	The peak stress method for fatigue strength assessements of welded joints withweld weld root failures – G. Meneghetti, P. Lazzarin (Italy)
XIII-2323-10	On relation between fatigue properties of welded joints and quality groups in ISO 5817 - A. Hobbacher, M. Kassner (Germany)
XIII-2326-10	Investigation of ultrasonic peening for upgrading a welded steel structure – S. J. Maddox, M. J. Doré, S. D. Smith (United Kingdom)
XIII-2327-10	Fatigue life improvement of steel fillet welds by hammer, needle or shot peening – S. J. Maddox (United Kingdom)

XIII-2328-10 Improving the fatigue strength of misaligned butt welds - S. J. Maddox (United Kingdom)

XIII-2329-10 The modified wöhler curve method applied along with the reference radius concept to design welded joints against multiaxial fatigue – L. Susmel, R. Tovo (Italy), C. M. Sonsino (Germany)

XIII-2330-10 Low and high cycle fatigue behavior of load-carrying cruciform welded joints containing incomplete penetration and strength mismatch – T. Hanji, Ch. Miki, K. Saiprasertkit (Japan)

XIII-2331-10 Weld repair for fatigue cracked joints in steel bridges by applying low temperature transformation welding wire – Ch. Miki, T. Haji, K. Tokunaga (Japan)

XIII-2332-10 Development of new database of fatigue damage and repairing cases by using editor-friendly platform – Ch. Miki et al (Japan)

XIII-2333-10 Effect of plate thickness on fatigue strength of typical welded joints for a ship structure - T. Fukuoka, K. Mochizuki (Japan)

XIII-2334-10 Reinforcement for fatigue damage in welded joints between vertical stiffener and steel deck plate with L-shaped steel plates – T. Mori, H. Harada (Japan)

XIII-2335-10 Effect of plate thickness on extremely low cycle fatigue strength of welded joints – K. Tateishi, S. Hanibuchi (Japan)

XIII-2336-10 Fatigue and fracture strength of ship block joints welded with large gaps

X-1680-10 W. Fricke et al (Germany)

XIII-2337-10 Application of the notch stress intensity and crack propagation. Approaches

XV -1354-10 to weld toe and root fatigue – C. Fischer et al (Germany), P. Lazzarin (Italy)

XIII-2338-10 Increasing fatigue strength of welded joints by ultrasonic impact treatment - Y. Kudryavtsev, J. Kleiman (Canada)

XIII-2339-10 Measurement of residual stresses in welded elements and structures by ultrasonic method - Y. Kudryavtsev, J. Kleiman (Canada)

XIII-2340-10 Study on the preciseness of hot spot stress of welded joints derived by shell Finite Element Analyses – N. Osawa et al (Japan)

XIII-2344-10 Fatigue behaviour of braze welded t joints - I. Huther et al (France)

XIII-2346-10	A few additional fatigue tests on fatigue cracked fillet welded joint by ICR treatment – K. Yamada, T. Ishikawa, T. Kakiichi (Japan)
XIII-2347-10	Work in progress in France related to fatigue of welded components and structures - I. Huther, A. Galtier (France)
XIII-2348-10	2010 Report of work in progress on fatigue strength of welded joints in Japan – Ch. Miki, T. Mori, S. Nakamura (Japan)
XIII-2349-10	IIW round robin residual stress calculations and measurements – Final raport -
X-1686-10	H. Wohlfahrt et al (Germany)
XV-1359-10	

Komisja XV – Projektowanie i wytwarzanie konstrukcji spawanych

XV-1348-10	Design softwares of steel structures for fire safety – K. Jarmai (Hungary)
XV-1349-10	New results in multitiaxial fatigue of welded aluminium joints - J. Wiebesiek,
XIII-2314-10	C.M. Sonsino (Germany)
XV-1350-10	Interpretation of overload effects under spectrym loading of welded high-
XIII-2315-10	strength steel joints - C. M. Sonsino et al (Germany)
XV-1353-10	Effects of phase transformation on distortion and residual stress
IV-1033-10	generated by LBW on high strength steel - Y. Kim, M. Hirohata, K. Inose (Japan)
XV -1354-10	Application of the notch stress intensity and crack propagation approaches
XIII-2337-10	to weld toe and root fatigue - C. Fischer (Germany), P. Lazzarin (Italy)
XV-1359-10	IIW round robin residual stress calculations and measurements – Final raport -
X-1686-10	H. Wohlfahrt, T. Nitschke-Pagel, K. Dilger (Germany)
XIII-2349-10	

Grupa Robocza 212 – Fizyka spawania

212-1161-10	Arc effects caused by two co-operating heteropolarity wire electrodes in GMA welding - U. Reisgen, D. Kampffmeyer, O. Mokrov (Germany)
212-1162-10	Implementation of a 2T-sheath model for numerical investigations of the influence of metal vapour in GMAW - M. Hertel et al (Germany)
212-1163-10	Transient numerical modelling of GMAW processes using experimental data and structures from high-speed images – S. Rose et al (Germany)
212-1164-10	Experimental and numerical investigations of the interaction between a plasma arc and a laser – M. Schnick et al (Germany)
212-1166-10	Charakterization of arc heat flux in GTAW by using Abel inversion of CCD images – S-J. Na (Korea)
212-1167-10	CFD-based analysis of alloy element mixing in laser-arc hybrid welding – S-J. Na (Korea)
212-1168-10	Adaptive volumetric heat source models for laser beam and laser+pulsed GMAW hybrid welding processes - G.X. Xu, C.S. Wu, G.L. Qin (China)
212-1169-10	Dynamic behavior of metal vapor in arc plasma during TIG welding – M.Tanaka et al (Japan)
212-1170-10	A numerical model of GMA welding from engineering view - Y. Tsujimura, M. Tanaka (Japan)
212-1174-10	Operation and visualisation of the LaserHybrid Twin welding process - H. Staufer, G. Reinthaler, H. Ennsbrunner (Austria)
212-1175-10	Application of switch back welding to MIG thin titanium welding – S.Yamane et al (Japan)
212-1179-10	Numerical analysis on heat source characteristics of two-electrodes TIG arc – Y. Ogino, K. Nomura, Y. Hirata (Japan)
212-1180-10	Influence of magnet configurations on magnetic controlled TIG arc welding - Y. Ogino et al (Japan)
212-1181-10	Characterization of cold lap defects in tandem arc MAG welding – P. Li et al (Sweden)
212-1183-10	Introduction of MPS (Moving Particle Semi-implicit) method for welding process simulation – F. Miyasaka et al (Japan)

212-1184-10 CO2 arc welding phenomena with REM added electrode wire - Y.Hirata et al (Japan)

212-1185-10 Heat transfer by droplets with the GMAW process -Part I aluminium – G. Huismann (Germany)