

	<i>Corrosion and Scale Inhibition (WP 1)</i>
SS 1-P-7748	1-Hydroxybenzotriazole and benzotriazole as copper corrosion inhibitors M. Finšgar, I. Milošev, A. Lesar, A. Kokalj, Jožef Stefan Institute, Ljubljana/SLO
SS 1-P-7754	The inhibitor influence on carbon steel corrosion, hydrogen evolution and permeation into the metal in acidic chloride media L.E. Tsygankova, Derzhavin State University, Tambov/RUS; V.I. Vigdorovich, Tambov State Technical University/RUS; A.S. Protasov, D.V. Balybin, Derzhavin State University, Tambov/RUS
SS 1-P-7755	An electrochemical evaluation on the molybdate concentration, presence of oxygen and hydrodynamic effect on mild steel corrosion inhibition in simulated cooling water M. Saremi, N. Parsi Benekohal, University of Tehran/IR
SS 1-P-8189	Cymbopogon citratus extract: a potential corrosion inhibitor O. Adeyemi, O.O. Olubomehin, O.O. Ogundipe, E.C. Eboesomi, Olabisi Onabanjo University, Ago-Iwoye/WAN
SS 1-P-8281	Corrosion resistance study of Fe-Mn-Al-C alloys using immersion and electrochemical tests V. Lins, M.M.R. Castro, M.A. Freitas, Federal University of Minas Gerais, Belo Horizonte/BR; E.M. Paula e Silva, Brazilian Association of Industrial Development, Brasilia/BR
SS 1-P-7884	Green inhibitor formulations containing ascorbic acid for corrosion control of carbon steel B.V. Apparao, S. Srinivasarao, National Institute of Technology Warangal/IND
SS 1-P-8363	Cooling waters systems - corrosion inhibitors by synergic action M. Moraru, I. Camenita, Petroleum-Gas University of Ploiesti/RO; E. Stefanescu, SNGN ROMGAZ S.A., Tg. Mures/RO; M. Abramiuc, I. Foidas, SNGN ROMGAZ S.A., Medias/RO; A. Schiopescu, Petroleum-Gas University of Ploiesti/RO
SS 1-P-8142	Synergistic inhibition effect of benzotriazole (BTA) and oxalate ions on the corrosion of copper, zinc and brass in NaCl and HCl solutions T. Yanardag, A.A. Aksüt, Ankara University Science Faculty/TR
SS 1-P-8157	Effect of temperature and welding on the corrosion behaviour of a nickel-based alloy in polluted phosphoric acid S. Bakour, A. Guenbour, A. Ben Bachir, University Mohammed V-Agdal, Rabat/MA; J. García-Antón, E. Blasco-Tamarit, D.M. García-García, R. Sánchez-Tovar, Universidad Politécnica de Valencia/E
SS 1-P-7928	Effect of temperature and Reynolds number on the galvanic corrosion of the Cu/AISI316L pair in LiBr solutions using a Zero Resistance-Ammeter (ZRA) R. Sánchez-Tovar, M.T. Montañés, J. García-Antón, Universidad Politécnica de Valencia/E
SS 1-P-7933	Determination of EIS characteristics of environmentally friendly plant extracts used as corrosion inhibitors and anti-scale additives I. Lingvaj, National Institute for Research and Development in Electrical Engineering INCDIE ICPE-CA, Bucharest/RO; D.I. Vaireanu, A. Cojocaru, University Politehnica of Bucharest/RO; S. Nita, Nationale Institute of Chemical-Pharmaceutical Research and Development ICCF, Bucharest/RO; I. Maior, University Politehnica of Bucharest/RO; L. Parvu, Nationale Institute of Chemical-Pharmaceutical Research and Development ICCF, Bucharest/RO
SS 1-P-7917	Effect of temperature on the corrosion resistance of a sensitized and unsensitized duplex stainless steel in 992 g/l aqueous LiBr solution R. Leiva-García, M.J. Muñoz-Portero, J. García-Antón, Universidad Politécnica de Valencia/E
SS 1-P-7918	Effect of temperature on the galvanic corrosion of a duplex stainless steel in its sensitized and unsensitized condition in 992 g/l aqueous LiBr solution R. Leiva-García, M.J. Muñoz-Portero, J. García-Antón, Universidad Politécnica de Valencia/E
SS 1-P-7920	Influence of the area of the working electrode on the cavitation-corrosion behaviour of a duplex stainless steel in aqueous LiBr solution D.M. García-García, E. Blasco-Tamarit, A. Igual-Muñoz, J. García-Antón, Universidad Politécnica de Valencia/E
SS 1-P-7922	Influence of temperature on the hydrogen evolution reaction on nickel in LiBr solution by means of polarization techniques V. Guiñón Pina, A. Igual Muñoz, J. García Antón, Universidad Politécnica de Valencia/E
SS 1-P-7924	Effect of bromide ion activity on the pourbaix diagrams for titanium in concentrated aqueous lithium bromide solutions at 25 °C M.J. Muñoz-Portero, J. García-Antón, J.L. Guiñón, Universidad Politécnica de Valencia/E

SS 1-P-7927	<p>Influence of the temperature on the AISI 316l corrosion in phosphoric acid solutions under hydrodynamic conditions R. Sánchez-Tovar, M.T. Montañés, <u>J. García-Antón</u>, Universidad Politécnica de Valencia/E; A. Ben Bachir, B. Abdelkebir, N. Elmandoubi, University Mohammed V-Agdal, Rabat/MA</p>
SS 1-P-7975	<p>Carbon steel protection in marine environment A. Kacunic, <u>H. Otmacic Curkovic</u>, E. Stupnisek-Lisac, University of Zagreb/HR; M. Kharshan, Cortec Corporation, White Bear Lake, MN/USA</p>
SS 1-P-7993	<p>Initial oxidation of duplex stainless steel 2205 C. Donik, <u>A. Kocijan</u>, M. Jenko, Institute of Metals and Technology, Ljubljana/SLO</p>
SS 1-P-7949	<p>The corrosion behaviour of brass in acid solutions <u>Z. Avramovic</u>, TiR, Copper Smelter and Electrolysis Plant, Bor/YU; M. Antonijevic, Technical Faculty-Bor/YU</p>
SS 1-P-7843	<p>Inhibitory properties of <i>Baphia nitida</i> extracts in acid mild steel corrosion <u>V. Njoku</u>, Imo State University, Owerri/WAN; E. Oguzie, Federal University of Technology, Owerri/WAN</p>
SS 1-P-7845	<p>Inhibition of mild steel corrosion by methyl red in phosphoric acid solution <u>E. Oguzie</u>, Federal University of Technology, Owerri/WAN; V. Njoku, Imo State University, Owerri/WAN</p>
SS 1-P-7849	<p>A corrosion behaviour comparison of the skin and the bulk of AM50 and AZ91 magnesium alloys S. Mathieu, <u>E. Rocca</u>, University of Nancy, Vandoeuvre lès Nancy/F; C. Juers, AREVA N.P., Le Creusot/F</p>
SS 1-P-8057	<p>Inhibition of acid corrosion of mild steel by aqueous extracts of some tropical plant species <u>E. Oguzie</u>, Federal University of Technology, Owerri/WAN; V. Njoku, Imo State University, Owerri/WAN; C. Enebeaku, C. Akalezi, Federal University of Technology, Owerri/WAN</p>
SS 1-P-7921	<p>Corrosion studies of UNS N08031 in a heavy brine LiBr solution at high temperatures E. Blasco-Tamarit, D.M. García-García, A. Igual-Muñoz, <u>J. García-Antón</u>, Universidad Politécnica de Valencia/E</p>
SS 1-P-7923	<p>Influence of temperature on the hydrogen evolution reaction on stainless steels in LiBr solution by means of polarization techniques V. Guiñón Pina, A. Igual Muñoz, <u>J. García Antón</u>, Universidad Politécnica de Valencia/E</p>
SS 1-P-7926	<p>Influence of the solution temperature on the corrosion behaviour of an austenitic stain-less steel in phosphoric acid medium M.V. Ibáñez-Ferrándiz, E. Blasco-Tamarit, D.M. García-García, <u>J. García-Antón</u>, Universidad Politécnica de Valencia/E; A. Guenbour, S. Bakour, A. Benckokroun, University Mohammed V-Agdal, Rabat/MA</p>
SS 1-P-8063	<p>Eperuic acid derivatives as corrosion inhibitors C. Roos, P.A. Blandinières, V. Eparvier, A. Lecante, <u>F. Robert</u>, D. Stien, Université Antilles Guyane, Cayenne/FGY</p>
SS 1-P-8071	<p>The study of inhibition and adsorption processes of L-cysteine against the corrosion of XC18 carbon steel in acidic medium <u>L. Touafri</u>, Centre Universitaire de Khemis Miliana/DZ; A. Kadri, Université de Tizi Ouzou/DZ; A. Khelifa, Université de Blida/DZ; N. Aimeur, N. Ben Brahim, Université de Tizi Ouzou/DZ</p>
SS 1-P-8170	<p>New organic inhibitors obtained by using microwaves energy with anticorrosive and antiscaling properties <u>V. Branzoi</u>, University Politehnica of Bucharest/RO; F. Branzoi, Institute of Physical Chemistry "Ilie Murgulescu", Bucharest/RO; A. Stanca, Energy Research and Modernizing Institute, Bucharest/RO; L. Pilan, University Politehnica of Bucharest/RO</p>
SS 1-P-8360	<p>Green approach to corrosion control using drugs as corrosion inhibitors <u>M.A. Quraishi</u>, S.K. Shukla, Uuniversity of Banaras, Varanasi/IND</p>

	<i>Corrosion by Hot Gases and Combustion Products (WP 3)</i>
SS 2-P-7984	High temperature corrosion testing at Maribo Saksøbing and Avedøre straw firing power plants M. Montgomery, Technical University of Denmark, Kgs. Lyngby/DK; S.A. Jensen, A. Hansson, Dong Energy, København/DK; O. Biede, Vattenfall, København/DK; T. Vilhelmsen, Vattenfall, Odense/DK
SS 2-P-8288	Effect of the metallic materials prepared by mechanical alloying in the high temperature corrosion M. Sánchez-Pastén, C.Y. Rosas-Soto, Instituto Politecnico Nacional, Mexico/MEX
SS 2-P-8028	Characterization of the transient oxidation at heating in the case of simple chromium-containing alloys reinforced by carbides P. Berthod, Université de Nancy, Vandoeuvre-lès-Nancy/F
SS 2-P-8103	Oxidation resistance of steels proposed for boilers with supercritical steam parameters J. Cizner, J. Mlnarik, SVUM a.s., Praha/CZ; P. Sajdl, Institute of Chemical Technology Prague/CZ
SS 2-P-8033	Development of polysilazane-based coatings to protect metals against high temperature oxidation J. Xu, J. Favregeon, P.E. Mazeran, G. Moulin, University of Technology of Compiègne/F; C. Vu, Clariant Services, Nanterre/F
SS 2-P-7961	Oxidation behaviour of niobium intermetallics silicides compounds at 1300°C S. Knittel, S. Mathieu, M. Vilase, University of Nancy, Vandoeuvre lès Nancy/F
SS 2-P-8029	Influence of carbides morphologies changes on the behaviour of preliminarily aged alloys in high temperature oxidation P. Berthod, L. Aranda, C. Heil, Université de Nancy, Vandoeuvre-lès-Nancy/F
SS 2-P-8030	Metallography study of the surface states of alloys heated at very high temperatures in oxidizing conditions P. Berthod, J. Ravaux, Université de Nancy, Vandoeuvre-lès-Nancy/F
SS 2-P-7798	Oxidation and nitridation of pure chromium at 1300°C L. Royer, S. Knittel, S. Mathieu, M. Vilasi, P. Steinmetz, University of Nancy, Vandoeuvre lès Nancy/F
SS 2-P-7714	High temperature oxidation of 316 LN SS and prediction of the long-term integrity of the scale by a kinetic model R. Pillai, R.K. Dayal, Indira Gandhi Centre for Atomic Research, Kalpakkam/IND
SS 2-P-7771	Corrosion stability of the extruded alloyed nickel electrode in the high temperature fuel cell A. Gawdzik, St. Gajda, A. Sofrokov, University of Opole/PL; Sh. Kurmashev, V. Kalinchak, University of Odessa/UA; M. Rybotycki, University of Opole/PL
	<i>Corrosion Mechanisms & Methods (WP 6 & 8)</i>
SS 3-P-7730	Corrosion of copper and copper alloys in aqueous solutions containing halide ions L. Binder, Graz University of Technology/A; F. Altaf, Quaid-e-Azam University, Islamabad/PK
SS 3-P-7769	Relation between microstructure and selective corrosion of duplex stainless steel submitted to heated hydrochloric acid R. Magnabosco, D.C. Santos, E.B. Mélo, Ignatian Educational Foundation - FEI, São Bernardo do Campo/BR
SS 3-P-7782	Intergranular corrosion behaviour of powder metallurgy duplex stainless steels sintered in nitrogen F. Martín, C. García, Y. Blanco, University of Valladolid/E
SS 3-P-7777	Pitting corrosion of UNS S41000 and UNS S42000 stainless steels. A.O. Borges, N. Alonso-Falleiros, University of São Paulo/BR; R. Magnabosco, Ignatian Educational Foundation - FEI, São Bernardo do Campo/BR
SS 3-P-7776	Oxidation of a composite material at high temperature C. Honvault, V. Peres, M. Pijolat, Ecole Nationale Supérieure des Mines de Saint Etienne/F
SS 3-P-8133	Detection of breakaway oxidation with acoustic emission during titanium oxide scale growth M. Tran, University of Grenoble, Saint Martin d'Hères/F; M. Boinet, Euro Physical Acoustics, Sucy en Brie/F; A. Galerie, Y. Wouters, University of Grenoble, Saint Martin d'Hères/F
SS 3-P-7837	Electrochemical behavior of mild steel in chloride environment: influence of surface preparation with and without corrosion inhibitor F. Atmani, M. Olivier, Faculté Polytechnique de Mons/B; C. Buess-Herman, Université Libre de Bruxelles/B

SS 3-P-8148	Acoustic emission during hydrogen charging and desorption process P. Janík, <u>P. Sajdl</u> , Institute of Chemical Technology, Prague/CZ
SS 3-P-8155	Corrosion behavior of AA 2024-T3 in aerated and deaerated chloride solution J.V. Ferrari, University of São Paulo/BR; N. Pébère, Université de Toulouse/F; B. Tribollet, V. Vivier, Université P. et M. Curie, Paris/F; <u>H.G. de Melo</u> , University of São Paulo/BR
SS 3-P-7956	Phase transformation of gold at dealloying of silver- and copper-gold alloys O.A. Kozaderov, O.V. Koroleva, A.V. Dorokhov, <u>A.V. Vvedenskii</u> , Voronezh State University/RUS
SS 3-P-8258	Effects of Cr(III) and Cr(VI) passivating treatments on the corrosion resistance of galvanized steel J. Ferrari, Polytechnic School of the University of São Paulo/BR; C.R. Tomachuk, Surtec do Brasil Ltda., S.B. do Campo/BR; C.I. Elsner, A.R. Di Sarli, CIDEPINT, La Plata/RA; M.F. Montemor, Technical University of Lisbon/P; I. Costa, IPEN/CCTM, São Paulo/BR; <u>H.G. de Melo</u> , Polytechnic School of the University of São Paulo/BR
SS 3-P-7940	Water transport in Mg-rich primers <u>K. Allahar</u> , B. Leslie, D. Battocchi, G. Bierwagen, North Dakota State University, Fargo, ND/USA
SS 3-P-8023	Effect of differentiated exposure conditions on corrosion behaviour of weathering steel on bridges <u>K. Kreislova</u> , D. Knotkova, SVUOM Ltd., Prague/CZ; V. Krivy, IOK Ltd., Frydek-Mistek/CZ; J. Podjuklova, VSB-TUO, Ostrava/CZ
SS 3-P-7801	High temperature thermogravimetry for oxidation and corrosion testing in dry and humid atmospheres P. Le Parlouër, SETARAM, Caluire/F
SS 3-P-8100	Interpretation of electrochemical noise signals from pitting corrosion on stainless steels <u>H. Sarmiento Klapper</u> , Federal Institute for Materials Research and Testing, Berlin/D; J. Goellner, University of Magdeburg/D
SS 3-P-8087	The influence of Ru additions on the corrosion behaviour of WC-Co cemented carbide in corrosive media <u>J.W. Van der Merwe</u> , N. Thanjekwayo, University of the Witwatersrand, Johannesburg/ZA; J.H. Potgieter, Manchester Metropolitan University/UK
SS 3-P-8108	Uniform corrosion of lean duplex stainless steel compared to standard austenitic grades <u>C. Canderyd</u> , A. Bergquist, R. Pettersson, Outokumpu Stainless, Avesta/S
SS 3-P-8117	Relationship between microstructural features and the corrosion behaviour of the ZE41 magnesium alloy <u>A.E. Coy</u> , F. Viejo, P. Skeldon, G.E. Thompson, The University of Manchester/UK
SS 3-P-7810	Experimental study for determining the corrosion in situ of SS-304 in heat transformers applying electrochemical techniques C. Cuevas, <u>R. Romero</u> , Universidad Autónoma del Estado de Morelos, Cuernavaca/MEX
SS 3-P-7815	Interrelation between electrochemical corrosion and electron structure of metals <u>A. Chavchanidze</u> , N. Timofeeva, Moscow State University of Food Industry, Moscow/RUS; A. Bazarkin, Institut des l'Industrie des Conserves Alimentaires et du Séchage des Légumes, Moscow/RUS
SS 3-P-8004	Thermochemical stability of rare earth silicates in a moist environment: thermodynamic and experimental approaches E. Courcot, <u>F. Rebillat</u> , University of Bordeaux 1, Pessac/F
SS 3-P-8015	The features of chemical and anodic formation of Cu(I) oxide by the data of photoelectrochemical investigation <u>A. Vvedenskii</u> , S. Grushevskaya, S. Ganzha, N. Kukhareva, Voronezh State University/RUS
SS 3-P-7952	Five years exposure of austenitic and duplex stainless steels in Swedish road environments <u>J. Gunnarsson</u> , R.F.A. Pettersson, Outokumpu Stainless AB, Avesta/S
SS 3-P-7787	High chromium content superalloys corrosion as chromia solubility in silicate melts point of view H. Khedim, T. Katrina, <u>P.J. Panteix</u> , Université Henri Poincaré, Vandœuvre-lès-Nancy/F; R. Podor, CEA Marcoule, Avignon/F; M. Vilasi, C. Rapin, Université Henri Poincaré, Vandœuvre-lès-Nancy/F
SS 3-P-7793	SKP and EIS monitoring of zinc atmospheric corrosion <u>A. Nazarov</u> , D. Thierry, French Corrosion Institute, Brest/F

SS 3-P-8132	Simulated HAZ method for electrochemical and corrosion behavior of two 17% chromium ferritic stainless steels, in fuel cell acidic media <u>A. Banu</u> , Politehnica University from Bucharest/RO; M. Marcu, Institute of Physical Chemistry Ilie Mulrgulescu, Bucharest/RO; O. Radovic, Politehnica University from Bucharest/RO
SS 3-P-8198	Establishment of corrosion expertise for district heating networks <u>T. Goto</u> , Y. Gourbeyre, S. Oberti, Veolia Environnement, Maisons Laffitte/F; F. Joly, CAE, Caen/F; B. Guillemot, Dalkia, Paris/F
SS 3-P-7871	Corrosion performance of newly high strength steel in acid, basic and neutral pH <u>S. Serna Barquera</u> , C. Dominguez Manjares, C. Cuevas Arteaga, A. Molina, B. Campillo, Universidad Autonoma del Estado de Morelos, Cuernavaca/MEX
SS 3-P-7875	Rapidly solidification and heat treating effect over the corrosion performance of NiAl macroalloyed with Cu intermetallic in acidic solution J.U. Cruz Rodriguez, <u>J. Colin</u> , C. Cuevas Arteaga, R. Casasola, J.A. Valerio Carbajal, J.G. Gonzalez Rodriguez, S. Serna Barquera, Universidad Autonoma del Estado de Morelos, Cuernavaca/MEX
SS 3-P-7809	Application of the nanotubes fabrication methodology for optimization of heterojunctions of titanium oxide/semiconductor films C. Cuevas, A. Adaya, Universidad Autónoma del Estado de Morelos, Cuernavaca/MEX; <u>M. Rincón</u> , Universidad Nacional Autónoma de México, Cuernavaca/MEX
SS 3-P-8091	Anodic copper oxidation in alkaline mediums with glycine, alpha-alanine and asparagine acid presence <u>E. Skrypnikova</u> , S. Kaluzhina, E. Orlova, Voronezh State University/RUS
SS 3-P-8056	Electrochemical corrosion behavior of novel antibacterial stainless steel Y. Liu, J. Li, Chinese Academy of Sciences, Shenyang/PRC; <u>E. Oguzie</u> , Federal University of Technology, Owerri/WAN; Y. Li, D. Chen, K. Yang, F. Wang, Chinese Academy of Sciences, Shenyang/PRC
SS 3-P-8038	Electroanalytical characterization of naphthenic acids <u>L. Falciola</u> , S.P. Trasatti, A. Frizziero, M. Rigitano, University of Milan/I
SS 3-P-8053	The influence of Al and Cr on the growth of Ni_{1-x}O scales on Ni at high temperature N. Halem, University of Tizi-Ouzou/DZ; M. Abrudeanu, <u>G. Petot-Ervas</u> , Ecole Centrale de Paris/F
SS 3-P-8337	Fatigue corrosion damage and endurance recovery of nitinol endodontic files <u>T. Hryniewicz</u> , K. Rokosz, Koszalin University of Technology/PL
SS 3-P-8359	Dispersed nano-sized SIC in nickel to improve the corrosion properties of composite coatings L. Benea, <u>M. Mardare</u> , Dunarea de Jos University of Galati/RO; B. Tribollet, Université Pierre et Marie Curie, Paris/F
SS 3-P-8194	Electron energy loss fine spectroscopy for quantitative analys of the local atomic structure of 3D-metal-oxygen system <u>O.R. Bakieva</u> , D.V. Surnin, D.E. Guy, Physical-Technical Institute of Ural Branch of RAS, Izhevsk/RUS
SS 3-P-8310	Electrolyte influence on the surface characteristics of dental cobalt-chromium alloys J. Malina, University of Zagreb, Sisak/HR; A. Celebic, University of Zagreb/HR; B. Klaić, Dental Polyclinic, Zagreb/HR; V. Svetlicic, R. Boskovic Institute, Zagreb/HR; A. Begic Hadzipasic, University of Zagreb, Sisak/HR
SS 3-P-8049	Differentiation method of the deposits of the polysulfide film protection and the inhibitor action into the sum protective efficiency against hydrosulfide corrosion of carbon steel V.I. Vigdorovich, Tambov State Technical University/RUS; <u>L.E. Tsygankova</u> , Derzhavin State University, Tambov/RUS; N.V. Shel, Tambov State Technical University/RUS
SS 3-P-8379	Development of a model to predict corrosion likelihood of welded ship components P. Ferreira Gorjao, G.F. Pimenta, <u>N.J. Pereira</u> , Instituto de Soldadura e Qualidade, Oeiras/P
	Microbial Corrosion (WP 10)
SS 4-P-7851	Combining microscopy and electrochemical studies on microbial influenced corrosion (MIC) in seawater environments <u>A. Heyer</u> , TU Delft/NL; F. D'Souza, G. Ferrari, TNO, Den Helder/NL; J.M.C. Mol, J.H.W. de Wit, TU Delft/NL
SS 4-P-7990	The corrosion behaviour of austenitic and duplex stainless steels in artificial body fluids <u>A. Kocijan</u> , C. Donik, M. Jenko, Institute of Metals and Technology, Ljubljana/SLO

SS 4-P-7938	Study about polymeric cables jackets degradations due to fungi's <u>C. Groza</u> , G. Sbarcea, C. Lingvay, V. Marinescu, I. Lingvay, National Institute for Research and Development in Electrical Engineering INCDIE ICPE-CA, Bucharest/RO
SS 4-P-8150	The effect of dodecyltrimethyl ammonium bromide on <i>Desulfotomaculum</i> sp. for X65 stainless steel <u>T. Artan Onat</u> , H. Nazir, G. Dönmez, University of Ankara/TR
SS 4-P-8252	Bacterial diversity and copper resistance characterization of microbially influenced corrosion in copper pipes <u>J. Pavissich</u> , I. Vargas, P. Pastén, B. González, G. Pizarro, Pontificia Universidad Católica de Chile, Santiago/RCH
SS 4-P-7986	Influence of temperature and albumin concentration on the adsorption of bovine serum albumin (BSA) on a CoCrMo biomedical alloy <u>C. Valero Vidal</u> , A. Igual Muñoz, Universidad Politécnica de Valencia/E
	Coatings (WP 14)
SS 5-P-7710	Evaluation of electrodeposited CoMoP thin film as diffusion barriers layer for ULSI applications <u>Z. Abdel Hamid</u> , A. Abdel Aal, A. Shaaban, Central Metallurgical Research & Development Institute (CMRDI), Helwan, Cairo/ET
SS 5-P-7712	Development of hot-dip zinc coating process using under layers <u>Z. Abdel Hamid</u> , A. Abdel Aal, Central Metallurgical Research & Development Institute (CMRDI), Helwan-EI-Tebbin/ET
SS 5-P-7735	Corrosion behaviour of Mg and AZ31 alloy with Al thermal spraying coatings in environment exposure A. Pardo, Universidad Complutense de Madrid/E; M.C. Merino, P. Casajús, M. Mohedano, Universidad Complutense/E; S. Merino, Universidad Alfonso X El Sabio, Madrid/E; <u>R. Arrabal</u> , Universidad Complutense/E
SS 5-P-7757	Electrodeposition of polypyrrole coating on aluminum and investigating its corrosion behavior M. Saremi, <u>S. Sharifi Asl</u> , N. Odooli, University of Tehran/IR
SS 5-P-7743	A study on green electroplating <u>R. Susaj</u> , I. Navis Karthika, GTN Arts College, Dindigul/IND; M. Manivannan, Chettinad College of Engineering and Technology, Karur/IND; J. Jeyasundari, SVN College, Madurai/IND
SS 5-P-7750	Study on properties of electroless composite plating of Nano Al₂O₃/Ni-P coating <u>D. Liu</u> , Y.B. Huang, X.J. Shi, Academy of Armored Forces Engineering, Beijing/PRC
SS 5-P-7768	Electrochemical and surface investigation of aluminized steel <u>I. Schoukens</u> , I. De Graeve, Vrije Universiteit Brussel/B; F. Horzenberger, OCAS, Zelzate/B; H. Terryn, Vrije Universiteit Brussel/B
SS 5-P-7774	Corrosion protection with fluoroplastics N. Uhrbrand, <u>C. Jensen</u> , Acccoat A/S, Kvistgaard/DK
SS 5-P-7751	Engineering application of various electroless plating coating in vehicle parts remanufacturing <u>H. Xu</u> , Y. Guo, Y.B. Huang, K.K. Xu, Academy of Armored Forces Engineering, Beijing/PRC
SS 5-P-8228	Evaluation of interfacial bonding of polymer coatings on galvanized steel <u>P. Taheri</u> , Materials Innovation Institute, Delft/NL; J.M.C. Mol, Delft University of Technology/NL; H. Terryn, Vrije Universiteit Brussel/B; J.H.W. de Wit, Delft University of Technology/NL; J.R. Flores, F. Hannour, Corus Research, IJmuiden/NL
SS 5-P-7890	Chromateless conversion coatings on 6063 and 5154 aluminium alloys <u>S. Oleynik</u> , Yu. Zimina, Russian Academy of Science, Moscow/RUS
SS 5-P-8121	Corrosion protection of aluminum alloys by coatings of ORMOSIL and of conductive copolymers including nanocontainers loaded with inhibitors <u>J. Kartsonakis</u> , J. Danilidis, A. Balaskas, G. Kordas, NCSR Demokritos, Aghia Paraskevi/GR
SS 5-P-7971	Corrosion studies of Sn-Zn coatings with EQCM in 0.5 m NaCl H. Nazir, M. Arici, <u>K.C. Emregul</u> , Ankara University/TR
SS 5-P-8135	Corrosion properties of electroless NiP and NiP-composite coatings <u>A. Amell Tosas</u> , M. Sarret Pons, C. Muller Jevenois, Universitat de Barcelona/E
SS 5-P-8152	Accelerated and outdoor exposure tests of aluminium coated steel sheets <u>J. Kim</u> , Y. Chung, J. Lee, S. Lim, Dongbu Steel, Incheon/ROK

SS 5-P-8178	Multiscale molecular modeling and experimental validation of polyaniline-CNTs composite coatings for corrosion protecting <u>M. Ionita</u> , V. Branzoi, University Politehnica of Bucharest/RO
SS 5-P-7858	Eco-friendly corrosion protection based on hybrid nano-materials P. Weigel, V. Kräusel, Fraunhofer IWU, Chemnitz/D; <u>J. Kron</u> , K.-J. Deichmann, Fraunhofer ISC, Würzburg/D; S. Zeltner, A. Rudolf, IKS, Dresden/D
SS 5-P-7929	Pipeline coating an environmental approach N. Hamdy, PETROJET, Cairo/ET
SS 5-P-7944	Fast Fourier transform IR characterization of the epoxy GY systems crosslinked with aliphatic and cycloaliphatic EH polyamine adducts G. Nikolic, S. Cakic, M. Cakic, University of Nis, Leskovac/YU; S. Zlatkovic, Actavis Trading Limited, Leskovac/YU; Z. Rajic, <u>C. Lacnjevac</u> , University of Belgrade/YU
SS 5-P-8304	Anticorrosion coating based on poly(N-vinylcarbazole) and its composites with oxide nanoparticle <u>M. Armutcu</u> , E. Sezer, B. Ustamehmetoglu, Istanbul Technical University/TR
SS 5-P-8153	Corrosion behaviour and wear resistance of the plasma nitrided inconel <u>C. Muñoz-García</u> , A. Conde, Centro Nacional de Investigaciones Metalúrgicas (CENIM/CSIC), Madrid/E; E. Almandoz, R. Martínez, Centro de Ingeniería Avanzada de Superficies (AIN), Pamplona/E; M. Drouet, J.P. Riviere, Laboratoire de Métallurgie Physique (PHYMAT), Poitiers/F; G.G. Fuentes, Centro de Ingeniería Avanzada de Superficies (AIN), Pamplona/E
SS 5-P-7850	Anticorrosive and antiscale coatings formed by plasma electrolytic oxidation S.V. Gnedenkov, <u>A.N. Minaev</u> , S.L. Sinebrukhov, A.K. Tsvetnikov, Russian Academy of Sciences, Vladivostok/RUS
SS 5-P-8244	Influence of the sealing process of anodic layers on aluminium alloys S.M. Borja, M.A. Arenas, <u>A. Conde</u> , J.J. de Damborena, Consejo Superior de Investigaciones Científicas (CSIC), Madrid/E
SS 5-P-8020	Study of effect of high boiled non-building compounds´ depletion - from epoxy coatings to its corrosion protection <u>L. Mindos</u> , H. Geiplova, SVUOM Ltd., Prague/CZ
SS 5-P-8021	Study of degradation mechanisms of zincsilicate coating <u>H. Geiplova</u> , J. Benesova, L. Mindos, SVUOM Ltd., Prague/CZ
SS 5-P-8123	Catalytically active Ni-coatings modified by nanoparticles of different nature <u>O. Dolgikh</u> , N. Sotskaya, E. Kotlyarova, L. Saponova, Voronezh State University/RUS
SS 5-P-8175	Electrosynthesized sol-gel coatings for the corrosion protection of Al-2024 - influence of the drying process <u>E. Mekeridis</u> , J. Danilidis, G. Kordas, NCSR Demokritos, Aghia Paraskevi/GR
SS 5-P-8001	The magnetite coatings modified by growth accelerates <u>D.B. Vershok</u> , Yu.I. Kuznetsov, Russian Academy of Science, Moscow/RUS
SS 5-P-8008	Yttrium silicates used as environmental barrier coatings E. Courcot, <u>F. Rebillat</u> , University of Bordeaux 1, Pessac/F; A. Quet, University of Sherbrooke/CDN; C. Louchet-Pouillier, Snecma Propulsion Solide, Le Haillan/F; D. Gravelle, F. Gitzhofer, University of Sherbrooke/CDN
SS 5-P-8012	Novel cerium oxide pre-treatment to improve corrosion resistance in aluminium and magnesium alloys <u>N. Rosero-Navarro</u> , Y. Castro, A. Durán, M. Aparicio, CSIC, Madrid/E
SS 5-P-7958	Improvement of metals corrosion resistance by ion implantation M. Cavellier, Quertech Ingénierie, Caen & National Applied Sciences Institute (INSA) of Rennes/F
SS 5-P-8104	Conductive polymer coatings for corrosion protection of aluminium alloy AA2024-T3 <u>I.L. Danilidis</u> , I.A. Kartsonakis, G.K. Kordas, National Center for Scientific Research "Demokritos", Ag. Paraskevi, Attiki/GR
SS 5-P-8261	Plasma processing techniques for deposition of carbonic thin protective coatings on structural nuclear materials <u>V. Andrei</u> , Institute for Nuclear Research, Pitesti/RO; C.P. Lungu, National Institute for Laser, Plasma and Radiation, Bucharest/RO; G. Oncioiu, E. Coaca, O.A. Rusu, Institute for Nuclear Research, Pitesti/RO

SS 5-P-8323	Self-healing coatings for corrosion protection of wrought magnesium alloys <u>D. Tabatabai</u> , F. Feil, W. Fürbeth, DECHEMA e.V., Frankfurt am Main/D; G. Grundmeier, P. Thissen, Universität Paderborn/D
SS 5-P-8280	Study of chloride corrosion of stainless steel coated with sol-gel silica film <u>M. Castro</u> , W. Vasconcelos, Federal University of Minas Gerais, Belo Horizonte-MG/BR; C. Bouças, USIMINAS, Ipatinga-MG/BR; V. Lins, Federal University of Minas Gerais, Belo Horizonte-MG/BR
SS 5-P-7817	Enhancing the pitting corrosion resistance of magnesium alloys using environmentally compliant molybdate surface treatment <u>A. Hamdy</u> , M. Farahat, Central Metallurgical Research and Development Institute, Cairo/ET
SS 5-P-7835	Enhancing the passivity of 316l stainless steel by low-temperature nitriding <u>A.S. Hamdy</u> , Central Metallurgical Research and Development Institute, Cairo/ET; D.P. Butt, Boise State University, ID/USA; B.M. Marx, Concurrent Technologies Corporation, PA/USA
SS 5-P-8067	Investigations on composition and morphology of electrochemical YSZ deposit on stainless steel <u>M. Saremi</u> , N. Narimani, University of Tehran/IR
SS 5-P-7919	Investigation on aqueous sol gel coatings for zinc protection against corrosion <u>V. Meiffren</u> , F. Ansart, P. Lenormand, S. Manov, Université Paul Sabatier (Toulouse III)/F
SS 5-P-8352	Low temperature sol-gel deposition of protective coatings on magnesium <u>M. Yekhehtaz</u> , F. Sittner, R. Ugas-Carrion, S. Flege, J. Broetz, W. Ensinger, Technical University of Darmstadt/D
SS 5-P-8299	Influence of grains crystallography orientation on zinc coating, on its corrosion resistance <u>J. Mizera</u> , J. Zdunek, M. Glogowski, Warsaw University of Technology/PL
SS 5-P-8300	Assessment of the corrosion behavior of Nd-Fe-B magnets used in dentistry treated by coatings of phosphate, Cr+3 and silane <u>E.A. Martins</u> , I. Costa, M.C.L. Oliveira, University of Sao Paulo-IPEN/BR; H.G. de Melo, University of Sao Paulo-EPUSP/BR
SS 5-P-8303	Anticorrosion efficiency of polyaniline/CeO₂ nanocomposite coating <u>E. Sezer</u> , M. Armutcu, B. Ustamehmetoglu, Istanbul Technical University/TR
SS 5-P-8306	Elaboration and characterisation of mono and bi-layers of electroless and electrodeposition nickel on steel F. Aiouaz, <u>A. Merati</u> , D. Atmani, Ecole Militaire Polytechnique, Algiers/DZ
SS 5-P-8368	Characterisation of surfaces after UHP waterjetting on shop primer coated steel substrate for new construction in naval industry <u>P. Le Calve</u> , DCNS, La Montagne/F; J.-P. Pautasso, DGA, Bagneux/F; N. Le Bozec, Institut de la Corrosion, Brest/F
SS 5-P-8377	Corrosion behaviour of sputter-deposited Al-ta_x coatings on Al-alloys D. Kek Merl, <u>P. Panjan</u> , M. Panjan, Jozef Stefan Institute, Ljubljana/SLO
SS 5-P-7749	Research on corrosion resistance of electroless plating Ni-W-P coating <u>Y.B. Huang</u> , G.W. Song, J. Fang, Z.F. Meng, Academy of Armored Forces Engineering, Beijing/PRC
SS 5-P-7915	Anticorrosive properties of polyurethane/MMT nanocomposites S. Ashhary, <u>A.A. Sarabi</u> , AmirKabir University (Tehran Polytechnic)/IR
SS 5-P-7814	Study on the technique and properties of electroless plating of Ni-Cu-P coating <u>H.W. An</u> , Y.B. Huang, G.W. Song, B. Liu, Academy of Armored Forces Engineering, Beijing/PRC
	<i>Cathodic Protection (WP 16)</i>
SS 6-P-7804	New equipment for studying hydrogen diffusion in metals under varying temperature, stress/strain and hydrostatic pressure <u>A. Smirnova</u> , R. Johnsen, Norwegian University of Science and Technology, Trondheim/N
SS 6-P-8406	Laboratory study on sacrificial anode cathodic protection for reinforced concrete exposed to marine environment <u>Y. Ge</u> , Y. Li, X. Zhu, Nanjing Hydraulic Research Institute, Nanjing/PRC

	Environment Sensitive Fracture (WP 5)
SS 7-P-8326	The effects of corrosion on the failure of submersible pumps - a case study G. Roudini, A. Khalili, E. Tohidlo, A. Behzadmehr, University of Sistan and Baluchestan, Zahedan/IR
SS 7-P-7728	Analysis of partial pressure of hydrogen sulfide effects on SCC susceptibility of duplex stainless steels in hydrogen sulfide-chloride environments at 160°C and application of slip-dissolution model of stress corrosion crack growth B. Eremias, V. Cihal, E. Kalabisova, SVUOM Ltd., Prague/CZ
SS 7-P-8032	Stress corrosion cracking susceptibility of stainless and duplex steels S. Costa, C. Dias, Instituto de Soldadura e Qualidade, Oeiras/P; I. Fonseca, Universidade de Lisboa/P; G. Pimenta, Instituto de Soldadura e Qualidade, Oeiras/P
	Nuclear Corrosion (WP 4)
SS 11-P-7891	Comprehensive investigation of the corrosion state of the heat exchanger tubes of steam generators Z. Németh, K. Varga, B. Baja, K. Radó, University of Pannonia, Veszprém/H; N.A. Szabó, University of István Széchenyi, Győr/H; Z. Homonnay, E. Kuzmann, Eötvös Loránd University, Budapest/H; G. Patek, J. Schunk, Paks NPP Ltd./H
SS 11-P-7824	Effect of titanium on passive state stability of austenitic stainless steels V. Cihal, M. Blahetova, VSB-Technical Univerzity, Ostrava/CZ; J. Burda, Nuclear Research Institute Rez, plc./CZ; E. Kalabisova, SVUOM Ltd., Prague/CZ; D. Karnik, Nuclear Research Institute Rez, plc./CZ; Z. Krhutova, S. Lasek, P. Mikel, VSB-Technical Univerzity, Ostrava/CZ
SS 11-P-7980	The oxidation of mackinawite (FeS): a Raman spectroscopy study J.A. Bourdoiseau, M. Jeannin, R. Sabot, P. Refait, Université de La Rochelle/F
SS 11-P-8146	Elemental analysis of simulated CRUD by using laser induced breakdown spectroscopy: a feasibility study J. Yeon, E. Jung, S. Jung, J. Hwang, K. Song, Korea Atomic Energy Research Institute, Daejeon/ROK
SS 11-P-7974	Comparative study of the corrosion and surface analytical effects of the decontamination technologies B. Baja, K. Radó, Z. Németh, K. Varga, University of Pannonia, Veszprém/H; N.A. Szabo, University of István Széchenyi, Győr/H; J. Schunk, G. Patek, Paks NPP Ltd./H
SS 11-P-8027	Heat transfer corrosion of stainless steel in nitric acid B. Corder, N. Stevens, L. Lue, University of Manchester/UK
SS 11-P-8014	New trends and findings of development of chemical decontamination technologies K. Radó, B. Baja, P. Kádár, Z. Németh, K. Varga, University of Pannonia, Veszprém/H; J. Schunk, G. Patek, P. Baradlai, Paks Nuclear Power Plant Ltd./H; M. Petrik, K. Nyitrai, HEPENIX Ltd., Diósd/H
SS 11-P-7964	Effect of cold work and type of load in the SCC behaviour of austenitic stainless steels in BWR and PWR conditions M. García-Redondo, CIEMAT, Madrid/E
SS 11-P-7977	Corrosion risk of horizontal steam generators of VVER-440 units J. Schunk, T. Pintér, G. Patek, Paks Nuclear Power Plant Ltd./H
SS 11-P-8097	Comprehensive study of uranium and transuranium (Pu, Cm) accumulation on stainless steel and Zr+Nb cladding material surfaces P. Kádár, K. Varga, B. Baja, Z. Németh, T. Kristóf, University of Pannonia, Veszprém/H; N. Vajda, RadAnal Ltd., Budapest/H; Z. Stefánka, Z. Schay, Hungarian Academy of Science, Budapest/H; T. Pintér, J. Schunk, Paks NPP Ltd./H
SS 11-P-8118	Oxidation of SiC/SiC composites in gas fast reactors in operating conditions: thermodynamic and experimental approaches N. Hun, CEA Cadarache, Saint Paul les Durance/F; F. Rebillat, Université de Bordeaux - LCTS/F; L. Brissonneau, CEA Cadarache, Saint Paul les Durance/F
SS 11-P-8068	A calibration technique of silver/silver chloride reference electrode by using relationship between electrical conductivity and KCl concentration of the internal electrolyte J. Yeon, M.H. Yun, J. Hwang, K. Song, Korea Atomic Energy Research Institute, Daejeon/ROK
SS 11-P-8429	Characterisation of ion-implantation damaged Ni-base alloys by positron annihilation spectroscopy: influence of surface defect concentration on corrosion mechanism H. Lefaix, L. Marchetti, S. Perrin, P. Trocellier, CEA Saclay, Gif sur Yvette/F; M.-F. Barthe, CNRS Orleans/F

SS 11-P-7807	Effect of chromium on the decarburization and corrosion properties of carbon steels <u>H.S. Shin</u> , Korea Institute of Nuclear Safety and Korea Advanced Institute of Science and Technology, Taejon/ROK; J.K. Lee, Korea Institute of Nuclear Safety, Taejon/ROK; J.K. Park, Korea Advanced Institute of Science and Technology, Taejon/ROK
SS 11-P-5320	Stress corrosion cracking of hydrided Zircaloy-4 claddings in iodine containing environments A. Dinu, Institute for Nuclear Research, Pitesti/RO; <u>M. Abrudeanu</u> , University of Pitesti/RO; M.I. Petrescu, Politehnica University, Bucarest/RO
	<i>Corrosion in Oil & Gas Production (WP 13)</i>
SS 12-P-7818	An experimental study on a newly-developed rust-convertible phosphate primer <u>K. Chen</u> , Guangzhou Research Institute of Electric Apparatus/PRC; L. Shen, Guangdong University of Foreign Studies/PRC
SS 12-P-7819	Failure analysis of gas compressor pistons <u>K. Abouswa</u> , H. Mahfoz, O. Rageai, Libyan Petroleum Institute, Tripoli/LAR
SS 12-P-7821	CO₂/H₂S corrosion investigated by using XPS technique A. Llabani, University of Tirana/AL
SS 12-P-7874	Nanoparticle density effect upon microalloyed pipeline steel sour corrosion <u>S. Serna Barquera</u> , Y. Barrera Rojas, Universidad Autonoma del Estado de Morelos, Cuernavaca/MEX; M. Lucio Garcia, CIMAV, Chihuahua/MEX; E. Valenzuela, Universidad Politecnica de Chiapas, Tuxtla Gutierrez/MEX; A. Torres Islas, B. Campillo, Universidad Autonoma del Estado de Morelos, Cuernavaca/MEX
SS 12-P-8195	Corrosion behaviour of 9-12 % Cr steels under oxyfuel conditions <u>W. Schulz</u> , D. Huenert, A. Kranzmann, Federal Institute of Materials Research and Testing, Berlin/D
	<i>Marine Corrosion (WP 9)</i>
SS 14-P-8037	Corrosion of elements of the sea water pumps <u>N. Semlal</u> , R. Boulif, CERPHOS-OCP, Casablanca/MA
SS 14-P-8362	Synergic effect of non-toxic compounds improving the efficiency of biocide-free marine paints D. Carteau, F. Faÿ, I. Linossier, University of Bretagne Sud, Lorient/F; C. Compère, <u>F. Quiniou</u> , IFREMER, Brest/F; K. Vallée-Réhel, University of Bretagne Sud, Lorient/F
	<i>Corrosion of Steel in Concrete (WP 11)</i>
SS 15-P-7715	The improvement of self-compacting concrete properties against sulfate and sulfuric acidmattack <u>A. Laderian</u> , A. Soleymani, Arak University/IR
SS 15-P-7758	Influence of cover porosity on the corrosion of reinforcement in cementitious materials <u>J.J. Shi</u> , W. Sun, H.S. Chen, Q.Q. Zhang, Southeast University, Nanjing/PRC
SS 15-P-8321	Corrosion of hard surfacing Cr-Ni layer in aggressive media The article shows investigation of hard surfacing layer on alloy steel with the goal to make reparation of wearing rotation part. Investigations take into consideration machining of coat <u>S. Aracic</u> , D. Krumes, I. Samardzic, University of Osijek, Slavonski Brod/HR
SS 15-P-8270	Evaluation of commercially available corrosion inhibitor treatments for steel reinforced concrete <u>M. Friedel</u> , Evonik Degussa GmbH, Rheinfelden/D; P. DeNicola, Evonik Degussa Corporation, Piscataway, NJ/USA
SS 15-P-8045	Studies concerning the degradation of reinforced concrete structures due to d.c. and a.c. stray currents C. Lingvay, National Institute for Research and Development in Electrical Engineering INCDIE ICPE-CA, Bucharest/RO; A. Cojocaru, D.I. Vaireanu, University Politehnica of Bucharest/RO; <u>I. Lingvay</u> , National Institute for Research and Development in Electrical Engineering INCDIE ICPE-CA, Bucharest/RO; T. Visan, University Politehnica of Bucharest/RO
SS 15-P-8034	Local corrosion of carbon steels under positive heat flux conditions <u>N. Muratova</u> , S.A. Kaluzhina, L. Ivanova, Voronezh State University/RUS

SS 15-P-8297	Effect of reinforcement corrosion on the behaviour of reinforcement concrete beams <u>L. Hariche</u> , University of Djelfa/DZ; Y. Ballim, Witwatersrand University, Johannesburg/ZA; M. Bouhicha, Laghouat University/DZ; S. Kenai, Blida University/DZ
SS 15-P-8313	Considerations on the steel corrosion process of reinforced concrete structures in ammonium nitrate environments I. Pepenar, Research Centre-CERTINCON Bucharest/RO
SS 15-P-8221	Microstructural and electrochemical studies of corrosion resistant cold plasma nitrated carbon steel <u>F.Z. Bouanis</u> , C. Jama, M. Traisnel, Laboratoire Procédés d'élaboration de revêtements fonctionnels (PERF), Villeneuve d'Ascq/F; F. Bentiss, Laboratoire de Chimie de Coordination et d'Analytique, El Jadida/MA
SS 15-P-8381	A promising potential pseudo-reference electrode for concrete corrosion monitoring M.P. Cunha, Icorr, Porto/P; <u>P.S.D. Brito</u> , Icorr, Vila de Rei/P; L.F. Rodrigues, Icorr, Leiria/P
SS 15-P-7989	Corrosion of carbon steel and galvanized rebar on RC columns wrapped with FRP sheets <u>M. Montuori</u> , G. Serroni, T. Monetta, B. Bellucci, University of Naples/I
SS 15-P-8402	Potential measurements in concrete structures and tank bottoms with distributed anode CP systems <u>B. Bazzoni</u> , A. Bazzoni, Cescor s.r.l., Milan/I; L. Lazzari, Polytechnic of Milan/I; T. Pastore, University of Bergamo, Milan/I
SS 15-P-8420	Corrosion assessment of reinforced concrete buildings of the cultural heritage <u>L. Bertolini</u> , M. Carsana, M. Gastaldi, F. Lollini, E. Redaelli, Politecnico di Milano/I
SS 15-P-8407	Effects of cathodic prevention on the initiation of steel corrosion in concrete subject to chloride penetration L. Bertolini, F. Bolzoni, M. Gastaldi, Politecnico di Milano/I; T. Pastore, Università di Bergamo/I; <u>E. Redaelli</u> , Politecnico di Milano/I
SS 15-P-8417	Comparison of service life predictions and present performance of existing reinforced concrete structures L. Bertolini, <u>F. Lollini</u> , E. Redaelli, Politecnico di Milano/I
SS 15-P-8434	Isothermal resistivity measurements in concrete <u>C. Andrade</u> , CSIC, Madrid/E; F. Bolzoni, Politecnico di Milano/I; J. Fulla, CSIC, Madrid/E
	<i>Automotive Corrosion (WP 17)</i>
SS 16-P-8355	Influence of pollution on some metallic materials in road tunnel atmosphere <u>I. Boudabbous</u> , Université de Tunis and Rouen, St Etienne Rouvray/TN; J. Kasperek, A. Barbier, Université de Rouen, St Etienne Rouvray/F; N. Bellakhal, Institut National des Sciences Appliquées et de Technologie (INSAT), Tunis/TN; F. Harel, Direction Interdépartementale des Routes, Darnetal/F; F. Gouriou, F. Dionnet, CERTAM, St Etienne Rouvray/F; B. Hannoyer, Université de Rouen, St Etienne Rouvray/F
SS 16-P-8385	Investigation of evolution of corrosion products in aluminum-galvanized steel joints by Raman analysis K. Krenn, <u>D. Jerolitsch</u> , CEST Centre of Electrochemical Surface Technology, Wr. Neustadt/A; H. Schnattinger, D. Blücher, Audi AG, Ingolstadt/D; K.H. Stellnberger, voestalpine Stahl GmbH, Linz/A; M. Roth, Henkel AG & Co. KGaA, Düsseldorf/D; G. Fafilek, Vienna University of Technology/A
SS 16-P-7854	Active corrosion management in automotive industry: hyphenation of electrochemical noise analysis with artificial neural networks - feasibility study M. Halama, Technical University of Kosice, Kosice/SK; <u>D. Jerolitsch</u> , P. Linhardt, G. Fafilek, Vienna University of Technology/A
SS 16-P-7833	Stainless steel and polymeric materials use in bus industry <u>B. Kozak</u> , M. Giray, E. Ünaler, F. Koçer, Ç. Kaya, B. Ergun, P. Turunçoglu, Temsa Research Development and Technology Corp., Kocaeli/TR; M. Ürgen, Istanbul Technical University/TR
	<i>Corrosion & Corrosion Protection of Drinking Water Systems (WP 20)</i>
SS 17-P-7746	On pitting corrosion and inhibition of alpha-brass in bromide containing solutions <u>E.A. Abd El Meguid</u> , National Research Center, Cairo/ET; N.K. Awad, National Research Center, Giza/ET

SS 17-P-8050	<p>Identification of heavy and radioactive metals in drinking water by an indirect analysis method based on scale tests M. Rajkovic, University of Belgrade/YU; M. Stojanovic, Institute for Technology of Nuclear and Other Mineral Raw Materials, Belgrade/YU; <u>C. Lacnjevac</u>, University of Belgrade, Belgrade/YU; D. Toskovic, University of Serbian, Zvornik/BZH; G. Pantelic, KCS Institute of Occupational and Radiological Helath "Dr Dragomir Karajovic", Belgrade/YU; S. Jovanic, City Public Institute and Environment Protection, Subotica/YU</p>
	<i>Biomolecules and Biofilms on Surfaces: Impact on the Corrosion Resistance</i>
WS B-P-7857	<p>Electrochemical study of AISI 304 stainless steel during the exposure at the disinfectant solutions with fungal suspensions <u>G. Carac</u>, M. Stoica, P. Popa, University Dunarea de Jos Galati/RO</p>
WS B-P-7948	<p>Green-biocides as corrosion inhibitor against microbially influenced corrosion <u>S. Rajmalwar</u>, P. Dabholkar, G. H. Rasoni Institute of Interdisciplinary Sciences, Nagpur/IND; A. Khadese, Microplex, Wardha/IND</p>
WS B-P-8391	<p>The effect of metal ions on the structure and stability of simulating lipid rafts by LB films and AFM R.G. Sun, Shaanxi Normal University, Xi'an/PRC</p>
	<i>Simulation, Modelling and Life Prediction</i>
WS C-P-8075	<p>On the Mott-Cabrera model modified by vacancy mechanism II: binary alloys <u>I. Ishikawa</u>, M. Yoneya, H. Nanjo, AIST Tohoku, Sendai/J</p>
WS C-P-8072	<p>On the Mott-Cabrera model modified by vacancy mechanism I: pure metals <u>I. Ishikawa</u>, M. Yoneya, H. Nanjo, AIST Tohoku, Sendai/J</p>
WS C-P-8403	<p>A general model for oxide film growth kinetics on metals and alloys - role of the interfacial potential drops <u>A. Seyeux</u>, F. Wiame, V. Maurice, P. Marcus, Ecole Nationale Supérieure de Chimie de Paris/F</p>
WS C-P-7963	<p>Modelling approach of the corrosion behaviour of aircraft assemblies <u>R. Oltra</u>, A. Zimmer, M. Guerineau, Université de Bourgogne, Dijon/F; J. Deconinck, S. van Damme, Vrije Universiteit Brussel/B; R. Akid, Sheffield Hallam University/UK</p>
WS C-P-8124	<p>Genetic algorithms method to estimate interdiffusion coefficients in ternary system Pt/beta-nial <u>H. Ahmad</u>, T. Dudziak, P. Leung, P. Datta, Northumbria University, Newcastle upon Tyne/UK; B. Aljibouri, Newcastle University/UK</p>
WS C-P-8166	<p>Computer simulation of local attacks on low alloyed steel <u>S. Tricoit</u>, B. Vuillemin, R. Oltra, University of Bourgogne, Dijon/F; D. Crusset, ANDRA, Chatenay Malabry/F</p>
WS C-P-8018	<p>Development of experimental approaches for validating FEM modelling of corrosion in occluded zones <u>A. Percheron</u>, B. Vuillemin, R. Oltra, University of Bourgogne, Dijon/F</p>
WS C-P-8002	<p>Oxidation of nanocrystalline aluminum by variable charge molecular dynamics <u>A. Perron</u>, S. Garruchet, O. Politano, Université de Bourgogne, Dijon/F; G. Aral, Izmir Institut of Technology/TR; V. Vignal, Université de Bourgogne, Dijon/F</p>
	<i>Corrosion of Archaeological and Heritage Artefacts: from Mechanistic Studies to Conservation Strategies</i>
WS D-P-8239	<p>Protection of iron and steel in large, outdoors industrial heritage objects Y. Shashoua, M. Taube, <u>H. Matthiesen</u>, National Museum of Denmark, Kongens Lyngby/DK</p>
WS D-P-8179	<p>Investigation of the corrosion behavior of pure copper in sulphate solution M. Mennucci, J. Cezar, R. Bendezú, I. Aoki, University of São Paulo/BR; V. Vivier, Université P. et M. Curie, Paris/F; <u>H. de Melo</u>, University of São Paulo/BR</p>
WS D-P-7981	<p>Corrosion protection of patinated bronze by azole type inhibitors <u>H. Otmacic Curkovic</u>, University of Zagreb/HR; T. Kosec, A. Legat, Slovenian National Building and Civil Engineering Institute, Ljubljana/SLO; E. Stupnisek-Lisac, University of Zagreb/HR</p>

	<i>Workshop on Bio-Tribocorrosion</i>
WS E-P-8163	Tribocorrosion behaviour of a biomedical CoCrMo alloy in different fluids simulating synovia Ch. Staehli, J. Perret, J. Stojadinovic, <u>S. Mischler</u> , Ecole Polytechnique Fédérale de Lausanne/CH
WS E-P-8253	DLC coatings on CoCrMo alloy and the wear/corrosion behavior <u>C. Santos</u> , H. Holec, Fraunhofer Institut IPA, Stuttgart/D; L. Haubold, Fraunhofer Institut CCL, Plymouth, MA/USA; M. Metzner, Fraunhofer Institut IPA, Stuttgart/D
WS E-P-8106	Tribological characterization of plasma sprayed ceramic coatings <u>K. Brinkiene</u> , R. Kezelis, J. Cesniene, V. Mecius, Lithuanian Energy Institute, Kaunas/LT
WS E-P-5316	Influence of protein and micro-structure on the passive film formation on MoM hip replacements <u>M. Schymura</u> , University Duisburg-Essen/D; M. Mathew, Rush University Medical Center, Chicago, IL/USA; R. Pourzal, University Duisburg-Essen/D; M. Wimmer, Rush University Medical Center, Chicago, IL/USA; A. Fischer, University Duisburg-Essen/D
	<i>Sea Water Fouling Control: Coatings, Biocides Treatments</i>
WS F-P-8125	Antifouling coatings for war ships C. Martin, University du Sud Toulon Var, La Valette du Var/F
WS F-P-8149	ECOPAINT PACA project: new technologies of non-toxic antifouling paints <u>C. Anton</u> , C. Bressy, Université du Sud Toulon-Var, La Valette du Var/F; P. Allex, Blancolor S.A., Les Angles/F; C. Compère, F. Quiniou, IFREMER Centre de Brest, Plouzané/F; P. Le Calvé, DCNS, Indret/F
WS F-P-8243	Research & development in antifouling marine paints <u>C. Bressy</u> , G. Culioli, J-F. Briand, L. Dombrowsky, Y. Blache, A. Margailan, Université du Sud Toulon-Var, La Valette du Var/F
WS F-P-8188	Testing methods to assess both the efficacy and ecotoxicity of antifouling coatings <u>F. Quiniou</u> , C. Compère, F. Mazéas, X. Caisey, R. Davy, Ifremer Centre de Brest, Plouzané/F; M. Materere, Ifremer Centre de Tahiti/F; M. Peleau, Ifremer Centre de Brest, Plouzané/F
	<i>Corrosion Issues in Future High Temperature Nuclear Systems</i>
WS G-P-7988	New design of a creep-rupture facility for tests in heavy liquid metals <u>M. Yurechko</u> , J. Konys, Forschungszentrum Karlsruhe, Eggenstein-Leopoldshafen/D
WS G-P-8250	Internal interface strains effects on UO₂/U₃O₇ N. Creton, V. Optasanu, <u>L. Raceanu</u> , N. Montesin, Université de Bourgogne, Dijon/F; L. Desgranges, CEA, Cadarache/F
WS G-P-8364	Experimental results on the corrosion of EUROFER steel in Pb17Li flow <u>E. Platadis</u> , K. Kravalis, F. Muktepavela, J. Freibergs, A. Shishko, University of Latvia, Salaspils/LV
WS G-P-7937	The corrosion resistance of EUROFER 97 and EUROFER ODS steels for nuclear applications <u>M. Terada</u> , Universidade de São Paulo/BR; H.R.Z. Sandim, Universidade de São Paulo, Lorena/BR; I. Costa, Instituto de Pesquisas Energéticas e Nucleares, São Paulo/BR; A.F. Padilha, Universidade de São Paulo/BR
	<i>Cathodic Protection of Steel in Concrete by Galvanic Anodes</i>
WS H-P-7998	Corrosion initiation and arrest in chloride contaminated concrete R. Guérin, RG Développement, Oullins/F; A.C. Roberts, Concrete Preservation Technologies, Nottingham/UK; <u>G.K. Glass</u> , Birmingham University/UK; N. Davison, Concrete Preservation Technologies, Nottingham/UK