

**EUROCORR 2008, 7 to 11 September 2008 in Edinburgh/UK
Scientific Poster Programme**

Corrosion in the Petroleum Industries		
Nr.	Authors	Paper-Title
A 1	1014	Now oral presentation in Refinery Process Corrosion on Wednesday, 10 September 2008 at 11:20 - 11:45
A 2	1131	<u>K. Abouswa</u> , F. Elshawesh, H. Mahfouz, Libyan Petroleum Institute, Tripoli/LAR
A 3	1144	<u>A. Abdurrahim</u> , F. Elshawesh, H. Mahfud, Libyan Petroleum Institute, Tripoli/LAR
A 4	1173	Cancelled
A 5	1275	<u>M. Lucio-García</u> , Centro de Investigación en Materiales Avanzados, S.C., Cuernavaca/MEX; J.G. González-Rodríguez, Universidad Autónoma del Estado de Morelos, Cuernavaca/MEX; A. Martínez-Villafañe, A. Chacón-Nava, Centro de Investigación en Materiales Avanzados, S.C., Chihuahua/MEX
A 6	1314	<u>A. Abdurrahim</u> , Libyan Petroleum Institute, Tripoli/LAR
A 7	1395	<u>D.S. de Freitas</u> , M.G. Nunez, National Institute of Technology, Rio de Janeiro/BR; C. Moraes, Federal University of Rio de Janeiro/BR; J. de Mello Silva, Petrobras, Rio de Janeiro/BR
A 8	1433	Y. Louafi, Ecole Normale Supérieure, Alger/DZ; <u>M. Ladjouzi</u> , Université des Sciences et Technologies Houari Boumediène, Alger/DZ
A 9	1473	Cancelled
A 10	1478	<u>A. Hasan</u> , H. Al-Enazi, A. Al-Muhanna, Kuwait Oil Company, Ahmadi/KWT; J. Carew, Petroleum Research Center, Ahmadi/KWT

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Marine Corrosion, Cathodic Protection and Microbial Corrosion		
Nr.	Authors	Paper-Title
B 1	1063	Now oral presentation in Microbial Corrosion, Wednesday, 10 September 2008, 16:40 - 17:05
B 2	1062	Cancelled
B 3	1065	<u>C. Messal</u> , MICOR GmbH, Groß Lüsewitz/D
B 4	1141	<u>A. Abdurrahim</u> , F. Elshawesh, F. Jueli, K. Abusowa, Libyan Petroleum Institute, Tripoli/LAR
B 5	1171	<u>S. Beloglazov</u> , M. Myamina, A. Gribankova, Immanuel Kant State University of Russia, Kaliningrad/RUS
B 6	1098	Cancelled
B 7	1099	Cancelled
B 8	1178	Cancelled
B 9	1162	Cancelled
B 10	1324	<u>M. Shoeib</u> , W.A. Ghanem, F.A. Bayoumi, Central Metallurgical R & D Institute, Cairo/ET; Y.F. Barakat, Eltebbin Institute, Cairo/ET
B 11	1325	<u>M. Shoeib</u> , I. Ghayad, T. Mattar, H. Hussain, Central Metallurgical R & D Institute, Cairo/ET
B 12	1154	P. De March, <u>P. Berthod</u> , Nancy-University, Vandoeuvre-les-Nancy/F
B 13	1155	P. De March, <u>P. Berthod</u> , Nancy-University, Vandoeuvre-les-Nancy/F
B 14	1322	Cancelled
B 15	1323	Cancelled
B 16	1328	<u>Z. Makama</u> , J.R. Smith, I.B. Beech, University of Portsmouth/UK; M. Webb, I. Doble, D. Nicholson, PDM Neptec, Alton/UK; S.A. Campbell, University of Portsmouth/UK
B 17	1376	<u>M. Langer</u> , S. Friedrich, Institut für Korrosionsschutz Dresden GmbH/D
B 18	1053	<u>Y. Kim</u> , POSCO Technical Research Lab., Pohang/ROK
B 19	1486	<u>D. Koleva</u> , K. van Breugel, J.H.W. de Wit, Delft University of Technology/NL

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Infrastructure Maintenance and Asset Management		
Nr.	Authors	Paper-Title
C 1	1012 A. Gawdzik, S. Gajda, Opole University/PL; Sh. Kurmashev, Odessa National University/UA; M. Rybotycki, A. Sofronkov, Opole University/PL	Corrosion of the building's steel in the water-alcohol environment
C 2	1051 M. Halama, Technical University of Kosice/SK; J. Lesebettens, Universiteit Gent/B; K. Kreislova, SVUOM Ltd., Prague/CZ; P. Linhardt, Vienna University of Technology/A	Atmospheric corrosion of structural metals - active corrosion management using artificial neural network
C 3	1110 E. Blactot, Laboratoire Central des Ponts et Chaussées, Paris/F; L. Gaillet, Laboratoire Central des Ponts et Chaussées, Nantes/F; I. Mabile, École Nationale Supérieure de Chimie de Paris/F; T. Chaussadent, Laboratoire Central des Ponts et Chaussées, Paris/F; E. Sutter, École Nationale Supérieure de Chimie de Paris/F	Investigation of some parameters on stress corrosion cracking of steel in prestressed concrete structures
C 4	1240 M. Kouril, Institute of Chemical Technology in Prague/CZ; T. Prosek, French Corrosion Institute, Brest/F; Y. Degres, NKE Electronics, Hennebont/F; D. Thierry, French Corrosion Institute, Brest/F; K. Doubravova, Institute of Chemical Technology in Prague/CZ	Performance of automated system for real time monitoring of atmospheric corrosion
C 5	1267 D.M. García-García, J. García-Antón, A. Igual-Muñoz, Universidad Politécnica de Valencia/E	Influence of cavitation on the galvanic corrosion of duplex stainless steels in LiBr solutions
C 6	1332 I. Kucerova, M. Ohlidalova, M. Novotna, A. Michalcova, Institute of Chemical Technology Prague/CZ	Wood degradation caused by ammonium phosphate and sulfate-based fire retardant
C 7	1349 M. Serdar, University of Zagreb/HR; I. Stipanovic Oslakovic, Civil Engineering Institute, Zagreb/HR; D. Bjegovic, University of Zagreb and Civil Engineering Institute, Zagreb/HR	Corrosion behaviour of different types of steel reinforcement in concrete
C 8	1363 H.E. Berge, Det Norske Veritas, Bergen/N	Systematic inspection and maintenance with regard to reinforcement corrosion in marine concrete structures
C 9	1386 Switched to an oral presentation in the 49. Corrosion Science Symposium	
C 10	1392 S. Potgieter-Vermaak, University of the Witwatersrand, Johannesburg/ZA; A. Mmari, Tshwane University of Technology, Pretoria/ZA; R. Van Grieken, University of Antwerp/B; J. Potgieter, Manchester Metropolitan University/UK	Atmospheric corrosion investigations on building materials in Tanzania
C 11	1423 E. Kalabisova, B. Eremias, T. Kubatik, P. Novak, SVUOM Ltd., Prague/CZ	Influence of surface quality of rebars on measured values of instantaneous corrosion rate of low-alloyed steel
C 12	1465 Now oral presentation in Infrastructure Maintenance and Asset Mangement: Tribocorrosion: Erosion-Corrosion and Biotribology on Wednesday, 10 September at 17:05	
C 13 LMP	1516 S. Holmes, Loughborough University/UK	Corrosion initiation and arrest in chloride contaminated concrete

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High Temperature Corrosion Processes		
Nr.	Authors	Paper-Title
D 1	1261 <u>B. Gorr</u> , S. Burk, University of Siegen/D; V.B. Trindade, Vallourec & Mannesmann Tubes, Düsseldorf/D; U. Krupp, University of Applied Sciences, Osnabrück/D; H.-J. Christ, University of Siegen/D	Oxidation behaviour of model cobalt-rhenium alloys in air and at low oxygen partial pressure
D 2	1282 Cancelled	
D 3	1041 O. Chizhko, Institute for Environmental High-Technologies, Circassk/RUS	Mathematical-thermochemical modeling of high temperature corrosion processes in waste incineration plants
D 4	1057 <u>S. Najima</u> , M. Nunokawa, M. Morinaga, H. Shirai, Central Research Institute of Electric Power Industry, Yokosuka/J	The classification of influence that each factor gives to corrosion behavior of STBA24 in the reducing atmosphere including H ₂ S
D 5	1107 J. Cizner, SVUM Praha a.s./CZ; <u>J. Pitter</u> , ATG s.r.o., Praha/CZ	Corrosion behaviour of selected sprayed coatings in model environment simulating situation in communal waste incineration boilers
D 6	1151 P. Berthod, Nancy-University, Vandoeuvre-les-Nancy/F	Several possible consequences of high temperature oxidation for the sub-surface microstructure of carbides-containing alloys
D 7	1152 P. Berthod, Nancy-University, Vandoeuvre-les-Nancy/F	Correlation between the external oxide scale adherence and the bulk's thermal expansion behaviour for several carbides-strengthened refractory alloys
D 8	1172 Now oral presentation in High Temperature Corrosion Processes	
D 9	1389 Cancelled	
D 10	1418 <u>M. Sánchez-Pastén</u> , Instituto Politécnico Nacional, Mexico City/MEX; H.J. Grabke, MPI für Eisenforschung GmbH, Düsseldorf/D	Effect of the O ₂ in the high temperature corrosion of metallic materials in waste incineration atmosphere
D 11	1448 <u>C. Moral</u> , A. Bautista, Universidad Carlos III de Madrid/E	Kinetics and oxidation properties of high-density ferritic stainless steels manufactured by powder metallurgy
D 12	1469 <u>T.D. Dudziak</u> , A.W. Wilson, P.D. Datta, Northumbria University, Newcastle/UK	Hot corrosion of new type coatings, magnetron sputter ion-plated CrAlYN, Hauzer coating of TiAlYN/CrN+Al ₂ O ₃ deposited by HIPIMS and TiAlN with Al ₂ O ₃ overlayer from Hauzer deposited by Dual Magnetron Sputtering at 750°C 50hrs test
D 13	1476 <u>W. Ma</u> , S. Rotter, Berlin Institute of Technology/D	Thermal behaviour of chlorine during MSW combustion process - an approach to estimate chlorine influence on high temperature corrosion

Nuclear Industries and Waste Disposal		
Nr.	Authors	Paper-Title
E 1	1452 G Patek, <u>J. Schunk</u> , T. Pintér, P. Tilky, Paks Nuclear Power Plant Ltd./H; J. Ósz, University of Budapest/H	Corrosion status of Paks NPP secondary circuit
E 2	1422 <u>O. Necib</u> , S.B. Lyon, A. Sherry, University of Manchester/UK	Stress corrosion cracking of AISI 304 stainless steel

Corrosion Mechanisms and Methods including Local Characterisation of Corrosion Processes			
	Nr.	Authors	Paper-Title
F 1	1022	J. Kiefer, B. Schindler, A. Leipertz, University of Erlangen-Nuremberg/D	Identification of bond pad cratering on semiconductor devices utilizing gold and aluminium corrosion and optical microscopy
F 2	1033	S.B. Farina, G.S. Duffó, Comisión Nacional de Energía Atómica, Buenos Aires/RA; J.R. Galvele, Universidad Nacional de San Martín, Buenos Aires/RA	The effect of the exchange current density on the stress corrosion cracking of some systems
F 3	1048	A. Torres-Islas, G. Rosas, Universidad Michoacana de San Nicolás de Hidalgo, Morelia/MEX; J.G. Gonzalez-Rodriguez, S. Serna, Universidad Autónoma del Estado de Morelos, Cuernavaca/MEX	Study of corrosion behavior of Al(CuFeCo) nanoparticles in solution using EIS and LPR
F 4	1049	Cancelled	
F 5	1075	I. Vargas, M. Alsina, P. Pasten, G. Pizarro, Pontificia Universidad Católica de Chile, Santiago/RCH	Influence of malachite morphology on copper release in drinking water systems
F 6	1093	Cancelled	
F 7	1097	Cancelled	
F 8	1113	U. Majeed, University of Punjab, Lahore/PK; A. Hussain, Comtech GmbH, Munich/D; M.A. Butt, I.H. Khan, University of Punjab, Lahore/PK	Failure analysis of external 3 layer extruded polyethylene based (3 LPE) coatings for gas/oil transmission pipelines buried in soil
F 9	1167	R. Pettersson, J. Flyg, Swerea KIMAB, Stockholm/S	Influence of alloying additions on pitting and crevice corrosion of stainless steels in NaCl and NaBr solutions
F 10	1208	Cancelled	
F 11	1233	R. Richter, DECHEMA e.V., Frankfurt am Main/D; E. Moustafa, R. Schuster, University of Karlsruhe/D; W. Fürbeth, DECHEMA e.V., Frankfurt am Main/D	Electrochemical micromachining of high alloyed steels in nonaqueous electrolytes using short voltage pulses
F 12	1245	V. Cihal, S. Lasek, Z. Krhutova, M. Blahetova, J. Mika, Technical University of Ostrava/CZ; E. Kalabisova, SVUM Ltd., Praha/CZ	Passive state stability of the stainless materials in FGD plants
F 13	1249	M. Kouril, L. Joska, J. Hak, Institute of Chemical Technology, Prague/CZ	Detection of localized corrosion of AISI 316L steel by means of electrochemical noise
F 14	1265	E. Blasco-Tamarit, A. Igual-Muñoz, J. García-Antón, D.M. García-García, Universidad Politécnica de Valencia/E	Pitting corrosion of a highly-alloyed austenitic stainless steel in aqueous LiBr solutions at different temperatures
F 15	1268	R. Leiva, M.J. Muñoz-Portero, J. García-Antón, Universidad Politécnica de Valencia/E	Comparative study of electrochemical methods and image analysis for the characterization of alloy 146, 279, 900, and 926 sensitization to intergranular corrosion
F 16	1269	V. Guiñón-Pina, A. Igual-Muñoz, J. García-Antón, Universidad Politécnica de Valencia/E	Influence of temperature and applied potential on the electrochemical behaviour of nickel in LiBr solutions by means of electrochemical impedance spectroscopy
F 17	1270	M.J. Muñoz-Portero, J. García-Antón, J.L. Guiñón, V. Pérez-Herranz, Universidad Politécnica de Valencia/E	Effect of bromide ion activity on the pourbaix diagrams for chromium in concentrated aqueous lithium bromide solutions
F 18	1271	A. Lukaszczyk, B. Mazurkiewicz, W. Solarski, J. Banas, University of Science and Technology, Cracow/PL	Corrosion of low chromium steels in geothermal water
F 19	1285	M. Sakairi, A. Kaneko, Hokkaido University, Sapporo/J; Y. Seki, D. Nagasawa, Nippon Light Metal Co. Ltd., Shizuoka/J	Corrosion behavior of Al and Al alloys in dilute chloride ion containing solutions
F 20	1286	Now oral presentation in Corrosion Mechanisms & Methods	
F 21	1296	F. Martín, C. García, Y. Blanco, University of Valladolid/E	Sensitization of PM duplex stainless steels
F 22	1308	B. Kämmerer, S. Horn, F. Haider, University of Augsburg/D; G. Mori, J. Haberl, University of Leoben/A; H. Wieser, EMCON Technologies, Augsburg/D	Quantifying pitting corrosion in an automotive exhaust application
F 23	1330	Cancelled	
F 24	1346	O. Kalakhan, G. Okhota, National Academy of Sciences of Ukraine, Lviv/UA; H. Pokhmurska, B. Wielage, University of Technology, Chemnitz/D	Influence of nitrogen ion implantation on the corrosion electrochemical behavior of Ti-5Al-1.5V-1.0Mo titanium alloy
F 25	1347	M. Jellesen, D. Minzari, P. Møller, R. Ambat, Technical University of Denmark, Lyngby/DK	Corrosion in electronics
F 26	1354	M. Nascimento, C. Fleck, Technical University of Berlin/D; D. Mueller, Charité Universitätsmedizin, Berlin/D	Application of electrochemical techniques on magnesium alloys: possibilities and limitations
F 27	1355	F.A. Martín, CEA Saclay, Gif sur Yvette/F; H. Antony, CORRODYS, Equeurdreville/F; C. Bataillon, CEA Saclay, Gif sur Yvette/F	Experimental evidence of the evolution of the oxide barrier layer during corrosion of low alloyed steels
F 28	1381	H. Potgieter, Manchester Metropolitan University/UK; S. Afolabi, N. Ramsoochit, University of the Witwatersrand, Johannesburg/ZA	The effect of tempering temperature on the corrosion of austenitic stainless steels in oxalic acid
F 29	1391	Cancelled	
F 30	1402	O.V. Karavai, A.C. Bastos, M.L. Zheludkevich, University of Aveiro/P; S.V. Lamaka, M.G.S. Ferreira, Technical University of Lisbon/P	Study of corrosion inhibition of magnesium alloys using four complementary scanning microelectrode techniques
F 31	1409	C. Proff, S. Abolhassani, Paul Scherrer Institute, Villigen-PSI/CH; M.M. Dadras, University of Neuchâtel/CH	In situ oxidation of zirconium binary alloys
F 32	1424	Cancelled	
F 33	1434	J. Sonke, Sonke Consultancy, IJmuiden/NL	Qualification of protective coatings using EIS
F 34	1440	P. Gümpel, Hochschule Konstanz/D; S. Hochstrasser-Kurz, WITg, Tägerwilen/CH	Influence of bromine contents on the corrosion behavior of mild steel in flue gas desulfurization plants

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Coatings			
	Nr.	Authors	Paper-Title
G 1	1086	<u>G. Bereket</u> , B. Duran, Eskisehir Osmangazi University/TR	Anticorrosive properties of electrosynthesized poly(m-aminophenol) on copper from aqueous phenylphosphonic acid solution
G 2	1264	Now oral presentation in Coatings on Tuesday, 9 September at 14:25	
G 3	1353	S.V. Oleynik, Y.A. Kuzenkov, N.P. Andreeva, <u>Y.I. Kuznetsov</u> , Russian Academy of Sciences, Moscow/RUS; I.M. Zin, National Academy of Sciences of Ukraine, Lviv/UA; S.B. Lyon, Manchester University/UK	Chromate-free pigments for protection of aluminium alloy D16
G 4	1311	Now oral presentation in Coatings on Monday, 8 September at 11:25	
G 5	1442	<u>C. Henon</u> , Alcan CRV, Voreppe/F; D. Retraint, C. Martin, Université de Technologie de Troyes/F	Corrosion protection of aluminium alloys by surface mechanical attrition treatment
G 6	1487	M. Carboneras, M.D. López, M. Campo, B. Torres, P. Rodrigo, <u>E. Otero</u> , J. Rams, Universidad Rey Juan Carlos, Móstoles/E	Influence of thermal sprayed aluminium coatings on the corrosion behaviour of magnesium alloys
G 7	1488	<u>K.Z. Chen</u> , Guangzhou Research Institute of Electric Apparatus, Lujiang/PRC	A type of phosphate wash primer which can converse rust to a considerable extent
G 8 LMP	1518	<u>R. Bayón</u> , A. Igartua, G. Mendoza, X. Fernández, I. Ciarsolo, U. Ruiz de Gopegui, Fundación TEKNIKER, Eibar/E	Corrosion-wear studies on PVD coatings for aeronautical applications
G 9 LMP	1502	N. Gordon, <u>S. Tamir</u> , Technion, Haifa/IL	Electroplating of an improved hard nickel coating with silicon carbide and cubic boron nitride nanoparticles from nickel sulfamate / ammonium chloride based bath

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Corrosion Inhibition, Nano-coatings and Smart Coatings		
Nr.	Authors	Paper-Title
H 1	1025 <u>A. Torres-Islas</u> , J. Uruchurtu, S. Serna, J.G. Gonzalez-Rodriguez, Universidad Autonoma del Estado de Morelos, Cuernavaca/MEX	Behavior of inhibitor protective film in a X-80 steel in NACE solution
H 2	1028 <u>D. Dolezal</u> , INA-Oil Industry, Zagreb/HR	Validation of the method for determination of residual corrosion inhibitor content in oilfield brines and quantification of measurement uncertainty
H 3	1031 <u>P. Desai</u> , Arts, Science & Commerce College Kholwad, Surat/IND; R.R. Vashi, Navyug Science College, Surat/IND	Xylenol orange as corrosion inhibitors for aluminum in trichloroacetic acid (TCA)
H 4	1035 Cancelled	
H 5	1044 <u>F. Bouanis</u> , C. Jama, M. Traisnel, École Nationale Supérieure de Chimie de Lille, Villeneuve d'Ascq/F; <u>F. Bentiss</u> , Université Chouaib Doukkali, Eljadida/MA	Characterization of corrosion resistance properties of radiofrequency cold plasma nitrided carbon steel C38: effect of hydrogen addition
H 6	1078 Cancelled	
H 7	1103 <u>E. Skrypnikova</u> , S. Kaluzhina, E. Popova, Voronezh State University/RUS	Thiourea influence on copper pitting corrosion in alkaline-chloride solutions
H 8	1126 Cancelled	
H 9	1182 <u>E. Ottesen-Hansen</u> , Nokia Denmark, Copenhagen V/DK; R. Ambat, P. Møller, D. Minzari, Technical University of Denmark, Kgs. Lyngby/DK; <u>P. Leisner</u> , N. Gunnarsson, Acreo AB, Jönköping/S; <u>H. Ljungcrantz</u> , Impact Coatings, Linköping/S	Corrosion behaviour of nano-crystalline MAX phase nc-TiC/a-SiC
H 10	1186 cancelled	
H 11	1191 <u>A. Yabuki</u> , R. Kaneda, Hiroshima University/J	Self-healing coating with fluoro-organic compound for zinc
H 12	1209 <u>M. Ehteshamzadeh</u> , D. Salehi Doolabi, Shahid Bahonar University of Kerman/IR; <u>M. Asadi Zarch</u> , Azad University of Yazd/IR	Corrosion behavior of the silica coatings on the aluminum surface by plasma electrolytic technique
H 13	1212 cancelled	
H 14	1359 <u>I. Branzoi</u> , University Politehnica of Bucharest/RO; <u>A. Stanca</u> , Institute Energy Research of Bucharest/RO; <u>F. Golgovici</u> , University Politehnica of Bucharest/RO; <u>F. Branzoi</u> , Institute of Physical Chemistry/RO	Inhibition effects of some new polymers on corrosion of carbon steels from industrial cooling water
H 15	1364 cancelled	
H 16	1384 <u>T. Abohalguma</u> , F. Elshawesh, O. Regai, Libyan Petroleum Institute, Tripoli/LAR	Synergetic effect of corrosion inhibitor for production of mild steel used in cooling water system
H 17	1388 <u>C.B. Santos</u> , Fraunhofer-IPA, Stuttgart/D; <u>J-P. Bonino</u> , F. Ansart, E. Xuereb, Université Paul Sabatier, Toulouse/F; <u>C. Salacruh</u> , P. Bares, MECAPROTEC Industries, Muret/F; <u>T. Menezes</u> , C. Malfatti, PPGEM-UFRGS, Porto Alegre/BR; <u>J. Alexis</u> , LPG-ENIT, Tarbes/F	Silanes and cerium salts for post-treatment on ZnNi coatings
H 18	1399 <u>N. Abdel Ghany</u> , A. El-Basiony, National Research Centre, Cairo/ET	Improve the corrosion resistance of stainless steel 316L in simulated body fluid
H 19	1480 <u>A. Surca Vuk</u> , P. Jamnik, I. Jerman, B. Orel, National Institute of Chemistry, Ljubljana/SLO	A structural and corrosion investigation of glymo-POSS coatings on AA 2024 aluminium alloy
H 20	1481 <u>I. Jerman</u> , <u>A. Surca Vuk</u> , <u>M. Kozelj</u> , B. Orel, National Institute of Chemistry, Ljubljana/SLO; <u>J. Kovac</u> , Jozef Stefan Institute, Ljubljana/SLO	A corrosion investigation of sol-gel functionalized POSS coatings on AA 2024-T ³ aluminium alloy

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Polymers, Coatings and Corrosion in Transport		
Nr.	Authors	Paper-Title
I 1	1087 <u>M. Nabil Hamdy</u> , PETROJET, Cairo/ET	Pipeline coating for horizontal direction drilling (HDD) crossings
I 2	1112 <u>A. Banu</u> , Politehnica University of Bucharest/RO; <u>M. Marcu</u> , T. Spataru, Physical Chemistry Institute IG Murgulescu, Bucharest/RO; <u>O. Radovici</u> , Politehnica University of Bucharest/RO	Electrochemical study of polypyrrole/NiOCoO composite in neutral media
I 3	1124 <u>D. Krupa</u> , <u>J. Baszkiewicz</u> , <u>J. Zdunek</u> , <u>T. Borowski</u> , Warsaw University of Technology/PL; <u>J. Smolik</u> , Institute for Terotechnology, Radom/PL	Corrosion resistance of the Si+Na - enriched surface layer formed on titanium
I 4	1125 <u>J. Baszkiewicz</u> , <u>D. Krupa</u> , <u>J. Mizera</u> , <u>T. Borowski</u> , Warsaw University of Technology/PL	Corrosion resistance of the surface layers formed on titanium by plasma electrolytic oxidation
I 5	1180 Cancelled	
I 6	1244 <u>B. Ustamehmetoglu</u> , <u>M. Erginer</u> , <u>E. Sezer</u> , <u>S. Tayyar</u> , Istanbul Technical University/TR	Inhibition of stainless steel corrosion by indole-carbazole copolymers
I 7	1246 <u>E. Sezer</u> , <u>K. Coban</u> , <u>N. Kızılcın</u> , Istanbul Technical University/TR	Application of ketone based resins as anticorrosive coating
I 8	1272 <u>I.V. Branzoi</u> , University Politehnica of Bucharest/RO; <u>M. Iordoc</u> , <u>R. Vasilescu-Mirea</u> , <u>S. Hodoroagea</u> , National Institute for Research and Development in Electrical Engineering, Bucharest/RO	Electrochemical behavior of diamond-like carbon (DLC) deposited via magnetron sputtering on biomedical alloys in the simulated body fluid environment
I 9	1277 <u>V. Korolov</u> , <u>Y. Vysotsky</u> , <u>Y. Sulima</u> , <u>N. Magynova</u> , OJSC "V.Shimanovsky UkrRDISteelconstruction", Makeevka/UA	Design-experiment estimation of paint coat durability according to certification test results
I 10	1302 Cancelled	
I 11	1307 <u>C. Jensen</u> , H.G. Brouzes, Acccoat A/S, Kvistgaard/DK	Corrosion protection with fluoropolymers
I 12	1329 <u>V. Alar</u> , <u>I. Juraga</u> , <u>V. Šimunovic</u> , <u>I. Stojanovic</u> , University of Zagreb/HR	Comparison of properties of waterborne and solventborne coatings
I 13	1410 <u>P. Linhardt</u> , <u>G. Ball</u> , Vienna University of Technology/A	Corrosion testing of duplex-coatings for buried ductile iron pipes
I 14	1449 Cancelled	
I 15	1457 Cancelled	
I 16	1464 <u>A.M Pereira</u> , <u>G. Pimenta</u> , Materials Laboratory of Quality and Welding Institute, Oeiras/P	Thin commercial chemical conversion coatings

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Managing Corrosion for Sustainability		
Nr.	Authors	Paper-Title
J 1	1203	Cancelled
J 2	1206	V. Madina, O. Zubillaga, G. Imbuluzqueta, INASMET-Tecnalia, San Sebastián/E
		Molten salt corrosion evaluation for solar power plants

Metallic Coatings		
Nr.	Authors	Paper-Title
K 1	1143	Cancelled
K 2	1146	Cancelled
K 3	1023	A.-H. Tan, Ching Yun University, Chung-Li/RC
		Micro-corrosion of ultra thin DLC films in magnetic recording disk
K 4	1029	C. Lee, C. Chen, C. Huang, A. Tan, Ching Yun University, Chung-Li/RC
		Wear-corrosion properties of Ni/Al ₂ O ₃ nano-composite coatings electrodeposited on Ti-6Al-4V alloy
K 5	1096	K. Kreislova, B. Eremias, SVUOM Ltd., Prague/CZ; L. Kopecky, Czech Technical University, Prague/CZ; M. Smetana, VUK Ltd., Panenske Brezany/CZ
		The specific corrosion behaviour of zinc-nickel alloy coating used for vehicle components
K 6	1183	J. Metsäjoki, E. Huttunen-Saarivirta, T. Lepistö, Tampere University of Technology/FIN
		High temperature oxidation of aluminized and uncoated ferritic-martensitic boiler steels
K 7	1017	S. Rajendran, M. Vimala, GTN Arts College, Dindigul/IND; V.A. Brigita, RVS College of Education, Dindigul/IND; J. Arockia Selvi, S.A. Kanimozhi, GTN Arts College, Dindigul/IND; A.J. Amalraj, Loyola College, Chennai/IND; B. Narayanasamy, College of Engineering, Madurai/IND
		Evaluation of the utility of stainless steel electroplated with zinc in thiourea industry - a case study
K 8	1356	Cancelled
K 9	1327	M. Shoeib, Central Metallurgical R & D Institute, Cairo/ET; O.R.M. Khalifa, E.A. Abd El-Wahab, A.H. Marei, H.A. Mohamed, Ain Shams University, Cairo/ET
		Electrochemical studies on electroless ternary and quaternary nano Ni-P based alloys

Workshop on Pitting Corrosion		
Nr.	Authors	Paper-Title
L 1	1361	N. Muratova, Voronezh State Technical University/RUS; S. Kaluzhina, L. Ivanova, Voronezh State University/RUS
		Corrosion resistance of carbon steel under heat transfer in alkaline solutions
L 2	1397	A. Cobo Escamilla, E. Moreno Fernández, M.I. Prieto Barrio, Universidad Politécnica de Madrid/E
		Detection of reinforcement corrosion by ultrasonic pulse velocity measurements
L 3	1419	G.A. Vazquez-Coutiño, Universidad Autonoma Metropolitana-Iztapalapa, Mexico City/MEX; E.A. Cázares-Ibañez, Instituto Mexicano del Petroleo, Mexico City/MEX; J. Castillo, J. Genescá, Universidad Nacional Autónoma de México, Mexico City/MEX
		Poincaré section and quasi-periodicity in the detection of pitting corrosion of metals

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Scientific Poster Programme

Light Alloys in Transportation			
	Nr.	Authors	Paper-Title
M 1	1427	<u>P. Spathis</u> , E. Papastergiadis, Aristotle University of Thessaloniki/GR	Influence of sulfate nickel and borac on the corrosion and SCC behaviour of anodic coated 1050 Al-alloys
M 2	1132	<u>M. Mhaede</u> , <u>M. Wollmann</u> , L. Wagner, Clausthal University of Technology/D	Correlation between mechanical surface treatments and corrosion behavior of aluminum alloys
M 3	1134	<u>F. Viejo</u> , M. Curioni, R. Arrabal, F.J. García-García, P. Skeldon, University of Manchester/UK; A. Pardo, Universidad Complutense de Madrid/E; G.E. Thompson, University of Manchester/UK; T. Warner, Alcan Centre de Recherches de Voreppe/F	Morphology and growth of porous anodic films on Al-Cu-Li alloys in sulphuric acid
M 4	1192	<u>A. Ramírez Arteaga</u> , Centro de Investigación en Materiales Avanzados, Cuernavaca/MEX; J.G. González-Rodríguez, Universidad Autónoma del Estado de Morelos, Cuernavaca/MEX; B. Campillo, Universidad Nacional Autónoma de México, Cuernavaca/MEX; V.M. Salinas-Bravo, Instituto de Investigaciones Eléctricas, Cuernavaca/MEX; L. Leduc-Lezama, TEMIUM-HyLSA, Monterrey/MEX; A. Martínez-Villafañe, M.A. Neri-Flores, Centro de Investigación en Materiales Avanzados, Chihuahua/MEX	Effect of the heat treatment on the corrosion rate of a dual phase steel in 0.5M H ₂ SO ₄
M 5	1037	<u>R. Arrabal</u> , E. Matykina, F. Viejo, The University of Manchester/UK; A. Pardo, Universidad Complutense de Madrid/E; P. Skeldon, G.E. Thompson, The University of Manchester/UK	Corrosion behaviour of WE43 and AZ91D magnesium alloys with silicate PEO coatings

Workshop on Computer Modelling in Corrosion			
	Nr.	Authors	Paper-Title
N 1	1161	<u>S. Croll</u> , B. Hinderliter, North Dakota State University, Fargo, ND/USA	Electromagnetic response of pigments in corrosion protective coatings
N 2	1288	<u>S.W. Kim</u> , H.P. Kim, S.S. Hwang, Korea Atomic Energy Research Institute, Daejeon/ROK	Application of Monte Carlo simulation to electrochemical thermodynamics and kinetics of transition metal oxide film
N 3	1320	<u>A. Somogyi</u> , Z. Kerner, Á. Horváth, KFKI Atomic Energy Research Institute, Budapest/H	Simulation and experiments on the corrosion mechanism of Zr under VVER circumstances
N 4	1445	B. Malki, B. Baroux, SIMAP, Grenoble/F; <u>J. Delfosse</u> , D. Schuster, EADS S.A.S., Suresnes/F	Modelling structural corrosion in aluminium alloys effects of heat treatment

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	Nr.	Authors	Paper-Title
O 1	1513	<u>J. Butcher</u> , C. Day, P. Haycock, Keele University/UK; M. Hocking, SciSite Limited, Keele University Science Park/UK	Intelligent data processing: a concrete field?
O 2	1522	M. Carnie, University of Wales, Swansea/UK	High performance photostable organic coated products
O 3	1523	S. Cashmore, University of Wales, Swansea/UK	Investigations into the photodegradation of polymer coatings using novel techniques to measure and predict coating lifetimes
O 4	1524	M. Cherrington, University of Wales, Swansea/UK	Flexible low cost photovoltaics on steel
O 5	1164	<u>I. Ishikawa</u> , H. Nanjo, National Institute of Advanced Industrial Science and Technology, Sendai/J	Universal growth rate law of initial oxidation on the mott-cabrera model I -pure metals-
O 6	1165	<u>I. Ishikawa</u> , H. Nanjo, National Institute of Advanced Industrial Science and Technology, Sendai/J	Universal growth rate law of initial oxidation on the mott-cabrera model II -binary alloys-
O 7	1514	<u>F. Léonard</u> , R.A. Cottis, University of Manchester/UK; F. Vaillant, EDF/F	Mechanistic studies of stress corrosion cracking of alloy 600 in high temperature high pressure water
O 8	1515	Cancelled	
O 9	1525	B. Philip, University of Wales, Swansea/UK	Electrochemical investigations of coated metal substrates for photovoltaic roofing applications
O 10	1195	<u>J. Pitter</u> , ATG s.r.o., Praha/CZ; H. Paterova, APC, Praha/CZ	Corrosion qualification and certification system in Czech Republic
O 11	1020	<u>S. Rajendran</u> , M. Vimala, G. Gantham, J. Arockia Selvi, S. Agnesia Kanimozhi, Corrosion Research Centre, Dindigul/IN; J. Amalraj, Loyola College, Chennai/IN; B. Narayanasamy, Thiagarajar College of Engineering, Madurai/IN	Corrosion awareness among higher secondary school students - an Indian scenario
O 12	1094	<u>K. Rokosz</u> , T. Hryniewicz, Politechnika Koszalinaska, Koszalin/PL; R. Rokicki, Electrobright, Macungie, PA/USA	Comparison of corrosion behaviour of austenitic steels after standard electropolishing and magneto-electropolishing
O 13	1219	F. Tazesh, Sh. Khameneh Asl, <u>M.R. Saghi Beyragh</u> , University of Tabriz/IR; S. Norouzi, Tarbiat Modares University/IR	Investigation on the corrosion behaviour of WC-12Co and WC-17Co thermal spray coatings by HVOF
O 14 LMP	1526	<u>M.A. Craig</u> , M. Robinson, J.R. Nicholls, Cranfield University/UK; S. Caporali, Università di Firenze/I	Aluminium electrodeposition from ionic liquids - a new technique for corrosion and oxidation resistance?
O 15 LMP	1527	D.J. Mills, University of Northampton/UK; <u>K. Schaefer</u> , University of Northampton/UK and Technical University of Gdansk/PL	Investigation into effect of surface preparation method on performance of organic coatings on steel