

(Programme subject to change)

Corrosion and Scale Inhibition (WP 1)	
	<p>The inhibition effects of some Schiff bases as corrosion inhibitors of aluminium in HCl <u>A. Aytaç</u>, Gazi University, Ankara/TR; <u>S. Bilgiç</u>, N. Ancin, G. Öztas, Ankara University/TR</p>
	<p>Corrosion performance of the N₂-H₂ radiofrequency cold plasma nitrated carbon steel: AC impedance and XPS studies <u>M. Traisnel</u>, F.Z. Bouanis, C. Jama, École Nationale Supérieure de Chimie de Lille, Villeneuve d'Ascq/F; F. Bentiss, Université Chouaib Doukkali, El Jadida/MA</p>
	<p>Complex ions treatment of water supplies systems revealed cost efficient approach to rust removal <u>E.O. Zabenkina</u>, E.A. Baryshnikova, I.V. Artamonova, Moscow State Technical University/RUS; V.V. Batrakov, Moscow State Pedagogic University/RUS</p>
	<p>Influence of alkamine cyclic and acyclic derivatives chemical structure on their corrosion inhibition properties <u>E.N. Kovalyuk</u>, Angarsk State Technical Academy/RUS; B.V. Kuharev, Irkutsk Favorsky Chemistry Institute/RUS; A.J. Negoda, M.A. Matvienko, Angarsk State Technical Academy/RUS</p>
	<p>Corrosion performance of alloy 625 exposed in ZnCl₂-KCl mixtures at 250 and 350°C <u>C. Cuevas Arteaga</u>, A. Alfantazi, University of British Columbia, Vancouver, BC/CDN</p>
	<p>Investigation of corrosion inhibition and biocide activity of non-organic complexes of imidozalines synthesized from oil acids V.M. Abbasov, G.F. Mammadova, Institute of Petrochemical Processes of Azerbaijan, Baku/AZ; <u>R.E. Azizov</u>, V.M. Shafiyev, BP Exploration Production Operating Company, Baku/AZ; T.U. Ahmadov, S.Y. Hajiyeva, Sh.Z. Djabayilzade, S.K. Rasulov, Institute of Petrochemical Processes of Azerbaijan, Baku/AZ</p>
	<p>Investigation of biocide activity of nitro, salt and amine derivatives of high molecular alkenes V.M. Abbasov, Institute of Petrochemical Processes of Azerbaijan, Baku/AZ; R.E. Azizov, <u>V.M. Shafiyev</u>, BP Exploration Production Operating Company, Baku/AZ; Sh.Z. Djabayilzade, S.A. Mammadova, T.U. Ahmadov, S.Y. Hajiyeva, S.K. Rasulov, Institute of Petrochemical Processes of Azerbaijan, Baku/AZ</p>
	<p>Drinking water containing Cu²⁺ ions is a boon in dentistry <u>S. Rajendran</u>, GTN Arts College, Dindigul/IND and Servite College of Education for Women, Thogaimalai, Tamilnadu/IND; B. Shyamaladevi, Vivekanandha Institute of Engineering and Technology for Women, Tamilnadu/IND</p>
	<p>Rehabilitation of large evaporative cooling system <u>I. Baghni</u>, A. Zwebek, Engineering Academy Tajura Libya, Tripoli/LAR</p>
	<p>Magnetic field effect on the inhibition of aluminum and iron corrosion with surfactants in acidic solution <u>N.A.F. Al-Rawashdeh</u>, United Arab Emirates University, Al Ain/UAE; A. Rosan, I. Sryheen, Jordan University of Science and Technology, Irbid/JOR</p>
	<p>Corrosion of 304SS in H₂SO₄ containing molybdates and tungstates as inhibitors A. Alshamsi, United Arab Emirates University, Al-Ain/UAE</p>

Corrosion and Scale Inhibition (WP 1)	
	<p>Investigation of POD - oil steel corrosion inhibitor as surfactant <u>G.I. Ostapenko</u>, Togliatti State University and Moscow State University of Food Production/RUS; P.A. Gloukhov, Togliatti State University/RUS; S.Ya. Sadvitskiy, JSC KuibyshevAzot, Togliatti/RUS</p>
	<p>Application of vapor corrosion inhibitors in hydro-testing <u>A. Furman</u>, A. Hansen, R. Kharshan, E. Austin, Cortec Corporation, White Bear Lake, MN/USA</p>
	<p>Inhibitor protection of oil-processing plants' units from corrosion <u>V.M. Abbasov</u>, L.I. Aliyeva, E.H. Abdullayeva, R.S. Maherramov, National Academy of Sciences of Azerbaijan, Baku/AZ</p>
	<p>Corrosion inhibition of Ni, Fe and their alloys by chemisorbed CO <u>G. Cabello</u>, A. Cuesta, Consejo Superior de Investigaciones Cientificas, Madrid/E</p>
	<p>The inhibited turbine lubricating oils for defence of crude oil and gas equipment against hydrogen sulphide corrosion <u>V. Spirkin</u>, M. Silin, I. Tatur, B. Tonkonogov, Gubkin Russian State University of Oil and Gas, Moscow/RUS</p>
	<p>Physical and chemical aspects of choice of initial products, reactions of synthesis and forecasting of volatile inhibitors of atmospheric corrosion efficiency (schiff and mannich bases being the example) <u>A.I. Altsybeeva</u>, V.V. Burlov, T.M. Kuzinova, N.S. Fedorova, G.F. Palatik, Russian Scientific Research Institute of Petrochemical Processes, St. Petersburg/RUS</p>
	<p>The corrosion behaviour of austenitic and duplex stainless steels in artificial saliva with the addition of fluoride <u>A. Kocijan</u>, Institute of Metals and Technology, Ljubljana/SLO; D. Kek Merl, Jozef Stefan Institute, Ljubljana/SLO; M. Jenko, Institute of Metals and Technology, Ljubljana/SLO</p>
	<p>Protection of bronze by an environment friendly corrosion inhibitor <u>K. Marusic</u>, H. Otmacic-Curkovic, E. Stupnisek-Lisac, University of Zagreb/HR</p>
	<p>Corrosion inhibitors for bronze protection in polluted atmosphere A. Keserovic, GlaxoSmithKline Research Center, Zagreb/HR; H. Otmacic Curkovic, E. Stupnisek-Lisac, <u>K. Marusic</u>, University of Zagreb/HR; A. Furman, M. Kharshan, Cortec Corporation, St. Paul, MN/USA</p>
	<p>Combating with corrosion and scaling - a complex problem in the fields of PB "Rosneft" I. Khairullin, Gubkin State University of Oil and Gas, Moscow/RUS</p>
	<p>Evaluation of inhibitor effectiveness on AA2024 substrates by image assisted electrochemical techniques <u>N.C. Rosero-Navarro</u>, Ceramic and Glass Institute, Madrid/E; M. Curioni, R. Bingham, The University of Manchester/UK; A. Durán, M. Aparicio, Ceramic and Glass Institute, Madrid/E; R. Cottis, G.E. Thompson, The University of Manchester/UK</p>
	<p>Reactivity and inhibition of cold rolled steel in 1M hydrochloric acid: an atomic emission spectroelectrochemical investigation <u>P. Volovitch</u>, École Nationale Supérieure de Chimie de Paris/F; I. Gazizullin, Lomonosov Moscow State University/RUS; K. Ogle, École Nationale Supérieure de Chimie de Paris/F</p>

Corrosion and Scale Inhibition (WP 1)	
	<p>Comparison of chemical and plasma removal of oxide scale from duplex stainless steel <u>C. Donik</u>, I. Paulin, A. Kocijan, Institute of Metals and Technology, Ljubljana/SLO; M. Mozetic, Jozef Stefan Institute, Ljubljana/SLO; M. Jenko, Institute of Metals and Technology, Ljubljana/SLO</p>
	<p>The partial contributions of the phase coating and inhibitor as the united system to its protective action estimate method <u>L.E. Tsygankova</u>, V.I. Vigdorovich, A.I. Fedotova, C.A. Zakurnaev, Tambov State Technical University/RUS</p>
	<p>Formed oxide layers of steam pipes of shahid Montazari Power Plant Boilers Experimental Study <u>N. Deris</u>, M. Paykari, Abadan Institute of Technology, Tehran/IR; M.A. Golozar, Isfahan University of Technology/IR; F. Sheykhpour, Abadan Institute of Technology, Tehran/IR</p>
	<p>Effect of volatile inhibitors structure and medium properties on hydrogen sulfide corrosion of steel equipment and pipelines <u>R.V. Kashkovskiy</u>, Yu.I. Kuznetsov, A.N. Frumkin Institute of Physical Chemistry and Electrochemistry (RAS), Moscow/RUS; R.K. Vagapov, GAZPROM VNIIGAZ, Razvilka/RUS</p>
	<p>Zinc- and carbon-modified oil compositions for atmospheric steel corrosion protection <u>V.I. Vigdorovich</u>, A.O. Golovchenko, M.V. Vigdorovich, Tambov State Technical University/RUS</p>
	<p>Concepts and practice of the hydrosulphuric and carbon dioxide corrosion universal inhibitors preparation <u>V.I. Vigdorovich</u>, L.E. Tsygankova, A.V. Ryasanov, A.N. Mozharov, Tambov State Technical University/RUS</p>
	<p>The effect of corrosion stimulation of inhibitors on trial in relation to Varandey field conditions <u>L.S. Moiseeva</u>, E.S. Uglova, United Research and Development Centre, Moscow/RUS</p>
Corrosion by Hot Gases and Combustion Products (WP 3)	
	<p>Conception for thermodynamical modeling of waste systems in thermal treating O. Chizhko, Moscow Environmental Center, Cherkessk/RUS</p>
	<p>Research into the effect of corrosion on damaged thermal power plant equipment <u>S. Aracic</u>, D. Krumes, V. Marusic, V. Pecic, University of Osijek, Slavonski Brod/HR</p>
	<p>Protection of simple cast cobalt-based alloys by pack-cementation Cr-deposit and study of their behaviour in high temperature oxidation G. Michel, <u>P. Berthod</u>, M. Vilasi, P. Steinmetz, University Henri Poincaré Nancy 1, Vandoeuvre-les-Nancy/F</p>
	<p>Behaviour in high temperature oxidation of chromium-rich cobalt alloys reinforced by different types of MC carbides <u>P. Berthod</u>, G. Michel, L. Aranda, University Henri Poincaré Nancy 1, Vandoeuvre-les-Nancy/F</p>

Corrosion by Hot Gases and Combustion Products (WP 3)	
	<p>Modified reactive elements additions and heat treatment procedures for obtaining higher emission coefficients of alumina surface layers on FeCrAl alloys <u>S.G. Gopalakrishnan</u>, P. Huczowski, L. Niewolak, Forschungszentrum Jülich/D; R. Iskandar, RWTH Aachen University/D; D. Naumenko, Forschungszentrum Jülich/D; J. Mayer, RWTH Aachen University/D; L. Singheiser, W.J Quadackers, Forschungszentrum Jülich/D</p>
	<p>Preliminary corrosion results from Vattenfall's 30 MW oxyfuel pilot plant A. Hjörnhede, Vattenfall Power Consult, Goteborg/S; <u>M. Montgomery</u>, Vattenfall Heat Nordic, Kgs. Lyngby/DK; M. Bjurman, Vattenfall R+D, Avlkarleby/S; P. Henderson, Vattenfall R+D, Stockholm/S; A. Gerhardt, Vattenfall R+D, Berlin/D</p>
	<p>Steam oxidation of X20CrMoV121: comparison of laboratory exposures and in situ exposure in power plants <u>M. Montgomery</u>, Vattenfall Heat Nordic, Odense/DK and Technical University of Denmark, Kgs. Lyngby/DK; A.N. Hansson, DONG Energy, Copenhagen/DK; T. Vilhelmsen, Vattenfall Heat Nordic, Odense/DK; S.A. Jensen, DONG Energy, Copenhagen/DK</p>
	<p>High temperature oxidation and intermetallic phase formation of galvanized steel sheet during austenitisation <u>R. Autengruber</u>, G. Luckeneder, S. Kolnberger, J. Faderl, voestalpine Stahl Linz/A; A.W. Hassel, Johannes Kepler University Linz/A</p>
	<p>COORAL - safety and reliability of CCS using screening corrosion tests <u>S. Simon</u>, D. Bettge, S. Bohraus, A. Kranzmann, BAM - Federal Institute for Materials Research and Testing, Berlin/D</p>
	<p>Steam corrosion studies of Fe-Al based alloys D. Vogel, M. Palm, <u>F.U. Renner</u>, MPI für Eisenforschung GmbH, Düsseldorf/D</p>
	<p>Corrosion study of Ti-47Al-2Cr thermally treated at low partial pressure of oxygen <u>E. Saebnoori</u>, T. Shahrabi, Tarbiat Modares University, Tehran/IR</p>
	<p>Oxidation and hot corrosion properties of Al₂O₃ - YSZ Thermal barrier coating <u>M. Saremi</u>, A. Keyvani, A. Afrasiabi, M. Kazemi, University of Tehran/IR</p>
	<p>Investigation of hot corrosion resistance of plasma sprayed YSZ-Ceria TBC in Na₂SO₄+V₂O₅ at 1050 °C <u>M. Saremi</u>, M.H. Habibi, University of Tehran/IR</p>
	<p>Functional and structural particularities of diffusion barriers in high-temperature coatings for heat-resistant composite materials <u>A.V. Kasatkin</u>, S.G. Andriushin, A.N. Frumkin Institute of Physical Chemistry and Electrochemistry (RAS), Moscow/RUS</p>
	<p>Al-Si CVD-FBR protective coatings for steam corrosion applications M.S. Mato, P.A. Hernandez, <u>M.P. Hierro</u>, H. Santos, F. Perez Trujillo, Universidad Complutense de Madrid/E</p>
	<p>Hot corrosion of new HIPIMS nanostructured coatings on gamma-TiAl I. Lasanta, <u>M. Tejero</u>, A. Rey, A. Fernandez, S. Mato, M.P. Hierro, J.M. Nieto, F.J. Perez Trujillo, Universidad Complutense de Madrid/E</p>

Corrosion by Hot Gases and Combustion Products (WP 3)	
	<p>Investigation of oxide protective layer's forming process on silicide coatings V.S. Terentieva, Moscow Aviation Institute (State Technical University), Moscow/RUS; A.V. Kasatkin, A.N. Frumkin Institute of Physical Chemistry and Electrochemistry (RAS), Moscow/RUS; A.I. Eremina, <u>A.N. Astapov</u>, Moscow Aviation Institute (State Technical University), Moscow/RUS</p>
	<p>Researching of corrosion influence on energetic equipment damage" D. Krumes, <u>S. Aracic</u>, V. Marusic, V. Pecic, University of Osijek, Slavonski Brod/HR</p>
Nuclear Corrosion (WP 4)	
	<p>Heat transfer corrosion of stainless steel in nitric acid <u>B. Cordner</u>, N. Stevens, University of Manchester/UK</p>
	<p>Corrosion of stainless steels in nitric acid service: corrosion degradation issues and control measures <u>V. Kain</u>, K. Chandra, M.K. Kumar, Bhabha Atomic Research Centre, Mumbai/IND; S. Rhode, R. Gupta, PEC University of Technology, Chandigarh/IND</p>
	<p>Impact of water chemistry operations on the deposit of corrosion products in the fuel assemblies at Paks Nuclear Power Plant Á. Doma, Nuclear Power Point Paks/H</p>
	<p>Hydrogenation of cladding tube in Zirconium alloy and effect on creep behaviour <u>D. Poquillon</u>, Université de Toulouse/F; P. Rublon, Université de Toulouse/F and AREVA-NP, Lyon/F; J.-M. Cloué, AREVA-NP, Lyon/F</p>
Environment Sensitive Fracture (WP 5)	
	<p>Hydrosulphuric and hydrogen cracking of steel structures <u>V.M. Kushnarenko</u>, Y.A. Chirkov, Orenburg State University/RUS</p>
	<p>The necessity of Stress Corrosion Cracking (SCC) prognosis on gas mains to reduce the breakdown rate and overhaul expenses <u>E.A. Spiridovich</u>, V.N. Lisin, OAO Giprogazcenter, Nizhny Novgorod/RUS</p>
	<p>Operating experience of gas pipelines from pipes of the various assortment in the conditions of stress corrosion cracking <u>A.S. Kuzbozhev</u>, Gazprom VNIIGAZ - Severnipegaz Ltd., Ukhta/RUS; V.O. Solovey, Gazprom Transgas Ukhta LLC/RUS; I.V. Rayhovskiy, Gazprom VNIIGAZ LLC, Moscow/RUS; Yu.V. Aleksandrov, Gazprom Transgas Ukhta LLC/RUS</p>
	<p>Effects of electrolyte composition and potential on near-neutral pH stress corrosion crack propagation <u>R.I. Bogdanov</u>, V.E. Ignatenko, A.I. Marshakov, A.N. Frumkin Institute of Physical Chemistry and Electrochemistry (RAS), Moscow/RUS</p>
	<p>Hydrogen diffusion and trapping in austenitic stainless steels studied with thermal desorption spectroscopy <u>O. Todoshchenko</u>, Y. Yagodzinskyy, H. Hänninen, Aalto University School of Science and Technology, Espoo/FIN</p>

Environment Sensitive Fracture (WP 5)	
	Influence of environmental factors on the susceptibility to stress corrosion cracking of high-strength Al-Zn-Mg alloys H. Jawan, University of Al-Mergeb, Alkhoms/LAR
	Stress corrosion cracking detection of sensitized stainless steel 304 in chloride media by using electrochemical impedance spectroscopy (EIS) <u>B. Adib</u> , Islamic Azad University, North Tehran Branch/IR; J. Neshati, Research Institute of Petroleum Industry, Tehran/IR; A. Sardashti, Islamic Azad University, North Tehran Branch/IR
	Long-range surface forces in liquid environment-induced cracking <u>F.A. Kulikov-Kostyushko</u> , Lomonosov Moscow State University/RUS; A.I. Malkin, A.N. Frumkin Institute of Physical Chemistry and Electrochemistry (RAS), Moscow/RUS
	Stress-corrosion damages of steels and welded joints of gas-main pipelines K.M. Dzioev, Stroygazkonsulting Ltd, Moscow/RUS; <u>K.D. Basiev</u> , North Caucasian Institute of Mining and Metallurgy, Vladikavkaz/RUS; S.K. Dzioev, SpetsRemGazdiagnostika Ltd, Moscow/RUS
	Modelling of stress corrosion crack growth in duplex stainless steels during CLT experiments performed in hydrogen sulfide - chloride environments at 120 and 80°C <u>B. Eremias</u> , V. Cihal, E. Kalabisova, SVUOM Ltd., Prague/CZ
Corrosion Mechanisms & Methods (WP 6 & 8)	
	Wear of metals of the cathode during electrolytic hydrogen-enrichment G.I. Suranov, Ukhta State Technical University/RUS
	About the nature of anode processes at the initial stage of copper corrosion in solutions of haloids V.P. Razigraev, M.V. Lebedeva, <u>V.A. Golovin</u> , S.A. Dobriyan, A.N. Frumkin Institute of Physical Chemistry and Electrochemistry (RAS), Moscow/RUS
	Influence of chemical removal of oxide films, formed by exposure of high-alloy steel to air at high temperatures, on their pitting liability I. Budic, University of Osijek, Slavonski Brod/HR; <u>V. Alar</u> , University of Zagreb/HR; I. Esih, Croatian Society for Materials Protection, Zagreb/HR
	Determination of the corrosion current density in low conductivity media: the use of microelectrodes to minimize the ohmic drop in Diesel oil P.C.A. de Oliveira, <u>R. Bertazzoli</u> , State University of Campinas, São Paulo/BR
	Corrosion studies in low conductivity media: carbon steel in ethanol media Z. Panossian, <u>C.A.L. Santos</u> , G.S. Pimenta, Institute for Technological Research, São Paulo/BR
	Titanium oxide nanoporous arrays prepared by anodic oxidation (corrosion) in H₃PO₄/HF electrolytes at 1V <u>C. Cuevas Arteaga</u> , A. Adaya Medina, Universidad Autónoma del Estado de Morelos, Cuernavaca/MEX; M. Rincón G., 2Centro de Investigación en Energía ¿ UNAM, Temixco/MEX
	Effect of plastic deformation on surface reactivity of 316L stainless steel Y. Boudinar, Université de Skikda/DZ; <u>M. Touzet</u> , O. Devos, M. Puiggali, Université Bordeaux 1/F

Corrosion Mechanisms & Methods (WP 6 & 8)	
	<p>The electrochemical dissolution of molybdenum in non-aqueous media <u>L. Binder</u>, Q. Abbas, Graz University of Technology/A</p>
	<p>Corrosion inhibition activity of ionic liquids based on imidazolium and pyridinium cations <u>O. Olivares Xometl</u>, Benemérita Universidad Autónoma de Puebla/MEX; N.V. Likhanova, Instituto Mexicano del Petróleo, Mexico D.F./MEX; G.T. Vázquez Espinoza de los Monteros, M. López Fuentes, Benemérita Universidad Autónoma de Puebla/MEX</p>
	<p>Corrosion analyses of amine adsorption valve trays of natural gas sweetening unit of Fajrjam refinery <u>A. Sheikh Abu Masoudi</u>, E. Setare, D. Harandy Zadeh, M. Dorri, Shanta Company, Isfahan/IR</p>
	<p>Duplex Steel S 32304 - a low cost and corrosion-resistant alternative to molybdenum containing austenite <u>R. Bäßler</u>, M. Weltschew, K. Weidauer, BAM - Federal Institute for Materials Research and Testing, Berlin/D</p>
	<p>Correlation between a scale of one to ten for corrosion resistant metallic packing materials and classification of canned food ranking in terms of its corrosion activity <u>V.A. Shavirin</u>, N.S. Tovstokora, A.Sh. Chavchanidze, Russian Research Institute of Canning and Vegetable Drying Industry, Moscow/RUS; N.Yu. Timofeeva, Moscow State University of Food Industry/RUS; A.Yu. Bazarkin, Russian Research Institute of Canning and Vegetable Drying Industry, Moscow/RUS</p>
	<p>Quick electrochemical corrosion test for metallic cans and a test operation board V.A. Shavirin, O.I. Kvasenkov, Russian Research Institute of Canning and Vegetable Drying Industry, Moscow/RUS; A.Sh. Chavchanidze, N.Yu. Timofeeva, Moscow State University of Food Industry/RUS; A.Yu. Bazarkin, <u>Sh.A. Chavchanidze</u>, Russian Research Institute of Canning and Vegetable Drying Industry, Moscow/RUS</p>
	<p>Study of the behaviour of different dental alloys in case of exposure to high and very high potentials P. De March, Faculty of Dentistry of Nancy/F and Institut Jean Lamour (UMR CNRS 7198), Vandoeuvre-lès-Nancy/F; <u>P. Berthod</u>, University Henri Poincaré Nancy 1, Vandoeuvre-lès-Nancy/F; M. Helfer, Faculty of Dentistry of Nancy/F and École Nationale Supérieure des Industries Chimiques, Nancy/F</p>
	<p>Influence of the chemical composition of nickel & chromium - based dental alloys on their corrosion behaviour in an artificial saliva L. Kedingler, L. Janiaut, University Henri Poincaré Nancy 1, Vandoeuvre-lès-Nancy/F; A.S. Corroy, L. Clément, Faculty of Dentistry, Nancy/F; P. De March, Faculty of Dentistry, Nancy/F and Institut Jean Lamour (UMR CNRS 7198), Vandoeuvre-lès-Nancy/F; <u>P. Berthod</u>, University Henri Poincaré Nancy 1, Vandoeuvre-lès-Nancy/F</p>
	<p>Dealloying of Ag,Au-alloys in acidic nitrate electrolyte at the anodic potentiodynamic polarization <u>O.A. Kozaderov</u>, O.V. Evteeva, A.V. Vvedenskii, Voronezh State University/RUS</p>
	<p>The effect of electron structure of metals on the rate of electrochemical corrosion and the choice of corrosion resistant iron-based surface solid solutions <u>A.Sh. Chavchanidze</u>, Yu.I. Galushkina, N.Yu. Timofeeva, Moscow State University of Food Industry/RUS; A.Yu. Bazarkin, Russian Research Institute of Canning and Vegetable Drying Industry, Moscow/RUS</p>

Corrosion Mechanisms & Methods (WP 6 & 8)	
	<p>Assessing the residual lifetime of district heating network L. Mathiesen, Municipality Kalundborg/DK; A. Andersen, S. Klinggaard, <u>L. Rischel Hilbert</u>, FORCE Technology, Brøndby/DK</p>
	<p>Electrochemical behavior of molybdenum in deep eutectic solvent (DES) <u>Q. Abbas</u>, L. Binder, Graz University of Technology/A</p>
	<p>Corrosion behaviour of zirconium for biomedical applications A. Gomez Sanchez, S. Cere, Universidad Nacional de Mar del Plata/RA; <u>G. Duffo</u>, Centro Atómico Constituyentes, Buenos Aires/RA</p>
	<p>Effect of hydrogen and anodic dissolution on the promotion of stress corrosion cracking in pipeline steel <u>J.X. Li</u>, B.W. Pan, Y.J. Su, L.J. Qiao, University of Science and Technology, Beijing/PRC</p>
	<p>Nickel influence to the stress corrosion and stacking fault energy on manganese-chromium stainless steels <u>V. Cihal</u>, SVUOM Ltd., Prague/CZ; M. Blahetova, VSB-TU Ostrava/CZ; E. Kalabisova, SVUOM Ltd., Prague/CZ; S. Lasek, VSB-TU Ostrava/CZ; L. Turek, SVUOM Ltd., Prague/CZ</p>
	<p>The Negative Difference-Effect in the anodic oxidation of zinc in sodium hydroxide solution <u>I.V. Protasova</u>, A.S. Gorlov, L.A. Aleshina, A.V. Vvedenskii, Voronezh State University/RUS</p>
	<p>Aluminum anodic behavior at neutral electrolytes with inorganic and organic additives <u>S. Kaluzhina</u>, T. Borisenkova, Voronezh State University/RUS</p>
	<p>Influence of rolling on corrosion resistance of nickel coatings <u>Z. Liang</u>, Y. Di, National Key Laboratory for Remanufacturing, Beijing/PRC</p>
	<p>The passive behavior of magnesium alloys containing rare-earth elements in alkaline media R. Pinto, M.G.S. Ferreira, Instituto Superior Técnico, Lisbon/P; M.J. Carmezim, Instituto Politecnico de Setúbal/P; <u>M.F. Montemor</u>, Instituto Superior Técnico, Lisbon/P</p>
	<p>Interference of in common proceeding electrode processes at dissolution low-carbon steels in the acidified solutions containing nitrate ions <u>I.D. Zartsyn</u>, D.O. Fedjanin, Voronezh State University/RUS</p>
	<p>A new approach for detection and measuring degree of sensitization (DOS) by EIS method <u>M. Momeni</u>, M.H. Moayed, Ferdowsi University of Mashhad/IR; A. Davoodi, Sabzevar Tarbiat Moallem University/IR</p>
	<p>Effect of laser-remelting and ageing treatment on the electrochemical behaviour of a low nickel maraging steel M. Cabeza, University of Vigo/E; G. Castro, Technology Centre AIMEN, Porriño/E; P. Merino, <u>G. Pena</u>, M. Román, R. Figueroa, University of Vigo/E; P. Vázquez, Technology Centre AIMEN, Vigo/E</p>

Corrosion Mechanisms & Methods (WP 6 & 8)	
	Electrochemical testing of inhibition efficiency some types of anticorrosive pigments for pitting corrosion of carbon steel at ambient temperature <u>B. Eremias</u> , H. Geiplova, J. Benesova, SVUOM Ltd., Prague/CZ
	Effect of pH on the electrochemical behaviour of CoCrMo biomedical alloy in phosphate buffered solutions C. Valero Vidal, <u>A. Igual Muñoz</u> , Universidad Politécnica de Valencia/E
	Influence of Ca ions and temperature on the corrosion behavior of WC-Co hardmetals in alkaline solutions <u>F. Kellner</u> , S. Virtanen, Universität Erlangen-Nürnberg, Erlangen/D
	Oxidation induced tin whisker growth on the surface of rare earth containing solders <u>T. H. Chuang</u> , C. C. Jain, National Taiwan University, Taipei/RC
	Influence of thermal conditions on local activation of iron in hydrocarbonate-halide media <u>S. Kaluzhina</u> , Voronezh State University/RUS; N. Nafikova, Voronezh State Technological Academy/RUS; T. Vlasova, Voronezh State University/RUS
	Corrosion characterisation of various stainless steels exposed to elevated fluoride solutions <u>J. van der Merwe</u> , Z. Halifa, University of the Witwatersrand, Johannesburg/ZA
	Corrosion studies on piping steels exposed to CO₂ and artificial brines <u>O. Yevtushenko</u> , R. Bäßler, BAM - Federal Institute for Materials Research and Testing, Berlin/D
	Experience with a fast electrochemical method (EC Pen) to investigate surfaces of stainless steel components <u>U. Ruhrberg</u> , A. Becker, IWW Water Centre, Mülheim an der Ruhr/D
	Electrochemical noise of AA2024 in solutions promoting IGC <u>J.M. Sanchez-Amaya</u> , Titania, Ensayos y Proyectos Industriales S.L., Cádiz/E; L. González-Rovira, K. El Amrani, M.R. Amaya-Vazquez, F.J. Botana, University of Cadiz, Puerto Real/E
	Investigations of electrochemical processes on metal surfaces beneath organic coatings <u>Y. Xu</u> , J.M. Sykes, University of Oxford/UK
	Modification of localized corrosion resistance of AA7075 aluminium alloy by molybdenum implantation C.M. Abreu, <u>M.J. Cristóbal</u> , R. Figueroa, G. Pena, M.C. Pérez, University of Vigo/E
	Effect of cryogenic treatment on the AA2017-t4 alloy M. Cabeza, I. Feijoo, P. Merino, R. Novoa, University of Vigo/E; <u>S. Trillo</u> , Technology Centre AIMEN, Porriño/E
	Electrochemical noise of SCC in austenitic stainless steels: a combined macro- and micro-electrochemical approach <u>M. Breimesser</u> , S. Ritter, H.P. Seifert, Paul Scherrer Institute, Villigen/CH; T. Suter, EMPA, Dübendorf/CH; S. Virtanen, Universität Erlangen-Nürnberg, Erlangen/D
	On the initial stage of galvanodynamic voltametry polarization (GVP) of pure Al-foil in 3N HCl <u>J.C. Lin</u> , G.H. Zeng, T.P. Teng, C.H. Chang, National Central University, Jhongli/RC

Corrosion Mechanisms & Methods (WP 6 & 8)	
	<p>A mechanistic approach on electrochemical behaviour of galvanized steel in prohesion solution <u>R. Parvizi</u>, M.H. Moayed, Ferdowsi University of Mashhad/IR; A. Davoodi, Tarbiat Moallem University of Sabzevar/IR</p>
	<p>Nitrogen implantation on aluminium alloys: effect on the electrochemical properties <u>C.M. Abreu</u>, M.J. Cristóbal, R. Figueroa, G. Pena, M.C. Pérez, University of Vigo/E</p>
	<p>The method and practice of corrosion inhibitors true solutions and emulsions integral toxicity estimation V.I. Vigdorovich, S.V. Romanenko, <u>M.V. Vigdorovich</u>, Tambov State Technical University/RUS</p>
	<p>Oxidation induced tin whisker growth on the surface of rare earth containing solders <u>T.H. Chuang</u>, C.C. Jain, National Taiwan University, Taipei/RC</p>
	<p>Low-cycle corrosion fatigue of stainless steel 316L <u>Y. Unigovski</u>, E. Gutman, Y. Shubov, Ben-Gurion University of the Negev, Beer-Sheva/IL; G. Lothongkum, Chulalongkorn University, Bangkok/THA</p>
	<p>Coulometry at controlled potential for avaluation of corrosion kinetics. <u>A.E. Kuzmak</u>, A.V. Kozheurov, A.N. Frumkin Institute of Physical Chemistry and Electrochemistry (RAS), Moscow/RUS</p>
Corrosion Education and Computer Applications (WP 7)	
	<p>Neural network approach to pipeline SCC and external corrosion integrity assessment S. Mashurov, <u>A. Mirzoev</u>, A. Mirzoev, M. Ivashchenko, Aerospace Monitoring and Technologies, Moscow/RUS; T. Esiev, I. Ryakhovskikh, GAZPROM VNIIGAZ, Moscow/RUS</p>
	<p>Estimation of steel structure corrosion risk level in calculations according to limiting states <u>V. Korolov</u>, Y. Vysotsky, A. Gibalenko, P. Korolov, OJSC V.Shimanovsky UkrRDISteelconstruction, Donetsk/UA</p>
	<p>Training corrosion engineers in oil and gas profile higher educational establishment D.E. Bugay, Ufa State Petroleum Technological University/RUS</p>
Marine Corrosion (WP 9)	
	<p>Estimation of the seawater biocorrosiveness <u>U.V. Kharchenko</u>, Institute of Chemistry FEB (RAS), Vladivostok/RUS; I.A. Beleneva, A.V. Zhirmunsky Institute of Marine Biology FEB (RAS), Vladivostok/RUS; V.A. Karpov, A.N. Severtzov Institute of Ecology and Evolution (RAS), Moscow/RUS</p>
	<p>Critical pitting temperature of the $\text{Co}_{1.5}\text{CrFeNi}_{1.5}\text{Ti}_{0.5}\text{Mo}_{0.1}$ high entropy alloy by chloride ion and its inhibiting effect by nitrate ion <u>Y. Chou</u>, National Tsing Hua University, Hsinchu/RC; J. Yeh, Chinese Culture University, Taipei/RC; H. Shih, National Tsing Hua University, Hsinchu/RC and Chinese Culture University, Taipei/RC</p>

Marine Corrosion (WP 9)	
	<p>Investigation for the optimum corrosion protection condition of aluminum anode for the MGPS <u>J.C. Park</u>, M.S. Han, S.J. Kim, Mokpo Maritime University/ROK</p>
	<p>Corrosion and corrosion protection characteristics for 5083-H Al alloy in seawater <u>S.J. Kim</u>, S.O. Chong, J.C. Park, M.S. Han, S.K. Jang, Mokpo Maritime University/ROK</p>
	<p>Electrochemical characteristics on intergranular and pitting corrosion in welding for austenitic stainless steel <u>S.J. Kim</u>, I.Y. Bae, M.S. Han, S.K. Jang, S.J. Lee, J.C. Park, Mokpo Maritime University/ROK</p>
	<p>Study of 5083 aluminum alloy for shipbuilding industry after contamination, surface preparation and organic coating application <u>M.J. Marques</u>, C. Brites, I.N. Alves, R.P. Gonçalves, T.C. Diamantino, Laboratório Nacional de Energia e Geologia, Lisbon/P</p>
Microbial Corrosion (WP 10)	
	<p>Corrosion-active microflora of water technological environments of the atomic power station <u>J.L. Kovalchuk</u>, G.V. Zhdanova, A.N. Severtzov Institute of Ecology and Evolution (RAS), Moscow/RUS</p>
	<p>Application of bioluminescent method for SRB biofilm growth investigation <u>R.E. Azizov</u>, BP Exploration Production Operating Company, Baku/AZ; E.N. Efremenko, Lomonosov Moscow State University/RUS; V.M. Abbasov, Institute of Petrochemical Processes of Azerbaijan, Baku/AZ</p>
	<p>A study on the role of inhibitors in protecting against biocorrosion in the water transfer at copper mines <u>S. Motamedj</u>, R. Marandi, Islamic Azad University, Tehran/IR</p>
	<p>Composition peculiarity of exopolymeric matrix of thionic bacteria biofilm <u>M. Boretska</u>, I.A. Kozlova, Zablotny Institute of Microbiology and Virology, Kiev/UA</p>
	<p>Microbic biofilm is a factor of deterioration of underground structures protective coatings <u>Z. Kopteva</u>, V. Zanina, A. Kopteva, Zablotny Institute of Microbiology and Virology, Kiev/UA</p>
	<p>Characterization of microbial attachment on metal surfaces by scanning Kelvin Probe and epifluorescence microscopy <u>A. Heyer</u>, M2i - Materials innovation institute, Delft/NL; F. D´Souza, G. Ferrari, TNO Science and Industry, Den Helder/NL; J.M.C. Mol, J.H.W. de Wit, Delft University of Technology/NL</p>

Corrosion of Steel in Concrete (WP 11)	
	<p>Depasivation determination of reinforcing steel rods in pore concrete solution in sea-water using the techniques of linear polarization resistance, galvanostatic pulse and EIS</p> <p><u>D. Pena</u>, H. Estupiñán, C. Vásquez, Universidad Industrial de Santander, Bucaramanga/CO; E. Mejia, Armada Nacional de Colombia ARC, Bahía Málaga/CO</p>
	<p>Corrosion damages of centrifuged reinforced concrete elements in the electric transformer stations</p> <p>I. Pepenar, Research Centre-CERTINCON, Bucharest/RO</p>
	<p>Theory and practice of steel reinforcement preservation in concrete structures</p> <p>V. Stepanova, Scientific R&D Institute for Concrete and Reinforced Concrete, Moscow/RUS</p>
	<p>Concrete with improved corrosion stability</p> <p><u>N.K. Rosenthal</u>, G.V. Tchechniy, G.V. Liubarskaya, Scientific R&D Institute for Concrete and Reinforced Concrete, Moscow/RUS</p>
	<p>Proposal of a new indicator to define ductility applied to corroded steel reinforcement on concrete structures</p> <p><u>E. Moreno</u>, A. Cobo, M.F. Canovas, University of Madrid/E</p>
	<p>Corrosion of mild steel in simulated concrete pore solutions containing sodium chloride</p> <p><u>L. Abosrra</u>, M. Youseffi, A.F. Ashour, S.C. Mitchel, University of Bradford/UK; A. Elhoud, University of Aberdeen/UK</p>
Corrosion in Oil & Gas Production (WP 13)	
	<p>Corrosion inhibitors for oil & gas industries</p> <p><u>A.N. Kalenkova</u>, JSC NII YARSINTEZ, Yaroslavl/RUS; A.N. Mokshaev, LTD Orenburggasprom, Orenburg/RUS; I.U. Rebrov, JSC GAZPROM, Moscow/RUS; V.P. Bepalov, JSC NII YARSINTEZ, Yaroslavl/RUS</p>
	<p>Effect of age hardening on the crevice corrosion resistance of Ni-Cr-Mo alloys</p> <p>N.S. Zadorozne, C.M. Giordano, M.A. Rodríguez, R.M. Carranza, Comisión Nacional de Energía Atómica, Buenos Aires/RA; N.S. Meck, Haynes International, Kokomo, IN/USA; <u>R.B. Rebak</u>, GE Global Research, Schenectady, NY/USA</p>
	<p>Under-deposit corrosion failure of a compressor after stage cooler at an NGL plant - a case study</p> <p><u>S.A. Al Dossary</u>, Saudi Arabian Oil Company (ARAMCO), Dhahran/SAR; A.K. Debbert, M.A. Al Mubayidh, Saudi Arabian Oil Company (ARAMCO), Abqaiq/SAR</p>
	<p>The development of fatigue defect in pipeline transportation system under corrosion environment exposure and residual stress conditions</p> <p>M.D. Getmansky, <u>Yu.V. Zhitnikov</u>, Co Ltd Intercor Rus, Moscow/RUS</p>
	<p>An investigation on corrosion failure of cemented carbides of the type (WC, M) M = Ni or Co in some water-glycol hydraulic fluids for subsea applications</p> <p><u>L. Zheng</u>, A. Neville, University of Leeds/UK</p>
	<p>Corrosion inhibition of carbon steel using Tolyl triazol citramide derivatives</p> <p>M.A. Migahed, <u>M.A. Abd-El-Raouf</u>, A.M. Al-Sabagh, Egyptian Petroleum Research Institute, Cairo/ET</p>

Corrosion in Oil & Gas Production (WP 13)	
	Fatigue failure of 316 stainless steel welded pipes K. Abouswa, Libyan Petroleum Institute, Tripoli/LAR
	Internal corrosion of pipelines and the gas preparation equipment of JV Vietsovpetro <u>A.L. Bushkovskiy</u> , L.C. Thuy, A.N. Ivanov, T.N. Gallyamov, JV Vietsovpetro, Vung Tau/VN
	Role of surface finish on fatigue failure of 316L stainless steel coil tube <u>A. Abdurrahim</u> , F. Elshawesh, H. Nahfud, Libyan Petroleum Institute, Tripoli/LAR
	Corrosion rate prediction of low carbon steel in brines containing CO₂ and H₂S J.M. Medina H., J.G. Godinez S., <u>J.L. González V.</u> , Instituto Politécnico Nacional, México D.F./MEX
	Kinetics and thermodynamics of asphaltene adsorption onto rusted metal surface <u>J.O. Safieva</u> , N.M. Emanuel Institute of Biochemical Physics (RAS), Moscow/RUS; Y.S. Shevcova, R.Z. Syunyaev, Gubkin Russian State University of Oil and Gas, Moscow/RUS
	In situ optical microscopy employed at corrosion study of carbon steel 1040 in sulfide medium <u>A.M. Zimer</u> , E.C. Rios, P.C.D. Mendes, E.C. Pereira, L.H. Mascaro, Federal University of São Carlos/BR
	Stray current and erosion corrosion of flow line and head concentric reducer <u>O. Elrageai</u> , F. Elshawesh, F. Jewill, Libyan Petroleum Institute, Tripoli/LAR; F. Haddad, Eni Oil Company, Tripoli/LAR
	Main causes of the field pipeline destruction on the example of a West Siberian oil producing enterprise <u>A.T. Faritov</u> , Y.G. Rozhdestvensky, L.P. Khudyakova, Institute for Problems of Energy Resources Transportation, Ufa/RUS
Coatings (WP 14)	
	Synthesis of zirconia nano tubes by electrochemical anodisation of sputtered zirconium thin films <u>F. Vacandio</u> , M. Eyraud, C. Chassigneux, T. Djenizian, University of Provence, Marseille/F
	Comparative performance of zinc passivated coatings in tropical atmosphere <u>N.T. Nguyen</u> , T.B.T. Nguyen, Vietnam Institute for Tropical Technology & Environmental Protection, Hochiminh City/VN
	1-ethyl-3-methylimidazolium dicyanamid modified polypyrrole coating <u>T. Tüken</u> , M. Erbil, The University of Çukurova, Adana/TR
	Electrochemistry, morphology and degradability of polypyrrole on copper <u>M. Erbil</u> , T. Tüken, Çukurova University, Adana/TR
	1-ethyl-3-methylimidazolium dicyanamid modified polypyrrole coating <u>T. Tüken</u> , M. Erbil, Çukurova University, Adana/TR
	Electrochemistry, morphology and degradability of polypyrrole on copper <u>M. Erbil</u> , T. Tüken, Çukurova University, Adana/TR
	Heat treatment of nanostructured ZrO₂ corrosion barrier coatings on 316L stainless steel <u>F. Samiee</u> , K. Raeissi, M.A. Golozar, Isfahan University Of Technology, Isfahan/IR

Coatings (WP 14)	
	zinc electrodeposition in the presence of oxalic acid from sulphate bath <u>S. Khorsand</u> , K. Raeissi, M.A. Golozar, Isfahan University of Technology/IR
	Influence of environmental factors on corrosion of machinery at Takoradi Thermal Plant Power Station, Takoradi-Ghana <u>E. Gbadam</u> , C. Mborah, L. Gyansah, University of Mines and Technology, Tarkwa/GH
	Research on corrosion resistance of electroless plating Ni-W-P coating <u>Y.B. Huang</u> , Y.H. Lu, G.W. Song, Z.F. Meng, Academy of Armored Forces Engineering, Beijing/PRC
	Study on the technique and properties of electroless plating of Ni-Cu-P coating <u>J. Ba</u> , Y.B. Huang, D.G. Liu, Academy of Armored Forces Engineering, Beijing/PRC
	Engineering application of various electroless plating coating in vehicle parts remanufacturing <u>D.L. Zhou</u> , Y. Guo, Y.B. Huang, K.K. Xu, Academy of Armored Forces Engineering, Beijing/PRC
	How intelligent software business solutions can improve industrial painting practices, enable real time data management and reduce operating cost A.E.M. Salah Eldin, Abu Dhabi Marine Operating Company/UAE
	Hardfacing of stellite 6 on martensitic stainless steel and evaluation of microstructure and corrosion behavior <u>M. Ahmadpour Samani</u> , Isfahan University of Technology, Tehran/IR; M. Shamanian, A. Saatchi, Isfahan University of Technology/IR; N. Najari, Isfahan University of Technology, Tehran/IR
	Technology of creation of corrosion resistant nanostructured coatings on metallic surface A.Sh. Chavchanidze, N.Yu. Timofeeva, Moscow State University of Food Industry/RUS; <u>A.Yu. Bazarkin</u> , Russian Research Institute of Canning and Vegetable Drying Industry, Moscow/RUS
	The influence of Cr(III)-based conversion layers on the corrosion resistance of Zn and nano-composite Zn in chloride containing solutions <u>D. Koleva</u> , Delft University of Technology/NL; N. Boshkov, N. Tsvetkova, Bulgarian Academy of Sciences, IPC, Sofia/BG; K. van Breugel, J.H.W. de Wit, Delft University of Technology/NL; J.M.C. Mol, Delft University of Technology, Delft/NL
	New water based coating system for holding & storage tanks <u>M. Kharsan</u> , A. Green, Cortec Corporation, White Bear Lake, MN/USA
	Corrosion behaviour of AZ31 Alloy with Al/SiCp thermal spray coatings in saline and environment exposure <u>R. Arrabal</u> , A. Pardo, M.C. Merino, M. Mohedano, P. Casajús, Universidad Complutense de Madrid/E; S. Merino, Universidad Alfonso X el Sabio, Madrid/E
	ORMOSIL coatings containing loaded TiO₂ nanocontainers for protection of AA 2024-T3 against corrosion <u>A.C. Balaskas</u> , I.A. Kartsonakis, G. Kordas, NCSR Demokritos, Aghia Paraskevi/GR

Coatings (WP 14)	
	<p>ORMOSIL coatings containing loaded nanocontainers for corrosion protection of aluminium alloy 2024-T3 <u>I.A. Kartsonakis</u>, A.C. Balaskas, E.D. Mekeridis, G.C. Kordas, NCSR Demokritos, Aghia Paraskevi/GR</p>
	<p>Quantitative analysis on the interaction between corrosion and wear of NiCrBSiMo laser cladded coatings <u>J. Yuan</u>, Z. Liang, National Key Laboratory for Remanufacturing, Beijing/PRC</p>
	<p>Effect of guanilthiourea on deposition of the protective Ni-P coatings <u>O. Dolgikh</u>, N. Sotskaya, L. Saprionova, D. Vu Thi, I. Zartsyn, Voronezh State University/RUS</p>
	<p>Sol-Gel coatings containing TiO₂ nanoreservoirs loaded with inhibitors for corrosion protection of AA2024-T3 <u>E. Mekeridis</u>, G.C. Kordas, NCSR Demokritos, Aghia Paraskevi/GR</p>
	<p>Effect of the parameters of low-temperature glow-discharge assisted nitriding on the properties of sintered austenitic steel <u>A. Brojanowska</u>, J. Kaminski, J. Trojanowski, T. Wierzchon, Warsaw University of Technology/PL</p>
	<p>Corrosion properties of TiCO, TiCN and TiNO diffusion coatings on titanium alloys in aggressive media I.M. Pohrelyuk, <u>O.I. Yaskiv</u>, V.M. Fedirko, Physical-Mechanical Institute, Lviv/UA; D.-B. Lee, Sungkyunkwan University, Suwon/ROK; O.V. Tkachuk, Physical-Mechanical Institute, Lviv/UA</p>
	<p>Aluminium coatings for corrosion protection applications S. Zein El Abedin, Clausthal University of Technology, Clausthal-Zellerfeld/D</p>
	<p>Influence of CeAlO₃ nano-powder addition on the performances of silane coatings for AZ31 alloy corrosion protection <u>F. Zucchi</u>, V. Grassi, F. Zanutto, A. Frignani, University of Ferrara/I</p>
	<p>Effect of titanium dioxide on corrosion properties of HA-TiO₂ nanocomposite coating fabricated by electrophoretic method M. Amirnejad, M. Mohammadi, Sharif University of Technology, Tehran/IR; <u>A. Farzaneh</u>, Shahid Bahonar University of Kerman/IR; S. Velashjerdi Farahani, Razi Metallurgical Research Center, Tehran/IR</p>
	<p>Corrosion properties of electroless nickel composite coatings by various particles A. Farzaneh, Shahid Bahonar University of Kerman/IR; M. Mohammadi, Sharif University of Technology, Tehran/IR; <u>S. Velashjerdi Farahani</u>, Razi Metallurgical Research Center, Tehran/IR</p>
	<p>Electroplating of cobalt diamonds coating on dental burs <u>N. Gordon</u>, S. Tamir, Israel Institute of Metals, Haifa/IL</p>
	<p>Oxidation of lithium-containing aluminium alloy in chromateless conversion solutions <u>Y.M. Zimina</u>, S.V. Oleynik, A.N. Frumkin Institute of Physical Chemistry and Electrochemistry (RAS), Moscow/RUS</p>
	<p>Corrosion resistance of plasma sprayed Al₂O₃ with and without Ni-5% Al bond layer on stainless steel substrates M. Shoeib, Central Metallurgical Research & Development Institute, Cairo/ET</p>

Coatings (WP 14)	
	<p>A novel method to fabricate nano structured Ni-P composite coatings containing nano scattered Al₂O₃ <u>M. Shoeib</u>, Central Metallurgical Research & Development Institute, Cairo/ET; Y. Barakat, Tabbin Institute for Metallurgical Studies, Cairo/ET; M. Hegazy, G. Elmahdy, S. Abd-El Latif, Helwan University, Cairo/ET</p>
	<p>100% solids polyurethanes coatings & linings for severe environments A. Singh, Cipy Polyurethanes Pvt. Ltd, Mumbai/IND</p>
	<p>Functional surfaces using fluid filled nano-capsules in metallic matrix <u>C.B. dos Santos</u>, University of Stuttgart/D and Fraunhofer IPA, Stuttgart/D; C. Mayer, University of Duisburg-Essen/D</p>
	<p>Corrosion control strategies in oil and gas pipelines N. Hamdy, PETROJET, Cairo/ET</p>
	<p>Determination of the anticorrosion paints suitable for the maintenance of district heating pipes <u>T. Goto</u>, Y. Goubeyre, E. Gaudichet, Veolia Environnement, Maisons Laffitte/F; B. Guillemot, Dalkia, La Défence/F</p>
	<p>Improving coating performance using carbon nanotubes <u>M. Iannuzzi</u>, K. Evans, S. Narasi, Det Norske Veritas, Høvik/N</p>
	<p>Liquid-Phase siliconizing method for prepare silicido-aluminide protective layers resistant to high temperature oxidation <u>T. Kubatik</u>, M. Jáglová, E. Kalabisová, V. Cihal, SVUOM Ltd., Prague/CZ</p>
	<p>Effect of fluoride concentration on the microstructure and corrosion resistance of MAO coatings on AZ31 magnesium alloy <u>L. Liu</u>, C. Lin, National Taiwan University, Taipei/RC</p>
	<p>Preparation and characterization of amorphous Phosphate coatings <u>L.B. Fachikov</u>, Y.G. Tumbaleva, D.I. Ivanova, University of Chemical Technology and Metallurgy, Sofia/BG</p>
	<p>Coating personnel qualification - a key for better protection <u>H. Sabri</u>, T. Al-Masoud, KOC, Ahmadi/KWT; F. Alrefai, KNPC, Ahmadi/KWT</p>
	<p>Specific features of the chemical composition and properties of amorphous (nanocrystalline) protective coatings electroplated from solutions based on Cr(III), Ni(II), Co(II) and Fe(II) <u>V. Safonov</u>, L.N. Vykhodtseva, L.A. Fishgoit, Moscow State University/RUS; O.V. Safonova, P. Glatzel, European Synchrotron Radiation Facility, Grenoble/F</p>
	<p>Corrosion of as-sputtered and annealed Al-Sc thin films in 5 wt.% NaCl solution <u>J.C. Lin</u>, H.L. Liao, C.A. Tseng, J.J. Shen, National Central University, Jhongli/RC</p>
	<p>Electrodeposition and corrosion behavior of a new Ni-based composite coating containing Ti particles V. Hasannaeimi, T. Shahrabi, <u>E. Saebnoori</u>, Tarbiat Modares University, Tehran/IR</p>
	<p>Diffusion coating treatments on Ti powder metallurgy alloys S.A. Tsipas, M. Vázquez, <u>A. Jiménez-Morales</u>, E. Gordo, Universidad Carlos III de Madrid, Leganes/E</p>

Coatings (WP 14)	
	Corrosion behaviour of detonation gun sprayed Fe-Al type intermetallic coatings <u>C. Senderowski</u> , Z. Bojar, Military University of Technology, Warsaw/PL
	Role of the conformational rearrangements of polypyrrole in the corrosion protection of Al alloys M. Rizzi, <u>M. Trueba</u> , S.P. Trasatti, Università degli Studi di Milano/I
	Corrosion inhibition of pure zinc by new multilayer coating <u>A. Pruna</u> , Fiat Research Centre, Turin/I; V. Branzoi, University Politehnica Bucharest/RO; F. Branzoi, Institute of Physical Chemistry, Bucharest/RO
	The combined method of protection of internal surface of steel tanks <u>Yu.I. Kuznetsov</u> , N.N. Andreev, D.B. Vershok, S.V. Oleynik, A.V. Sergeev, A.N. Frumkin Institute of Physical Chemistry and Electrochemistry (RAS), Moscow/RUS
	EIS and chronoampermetry studies of a novel process for electrodeposition of Ni-Ceria nano composite coatings <u>H. Hasannejad</u> , T. Shahrabi, Tarbiat Modares University, Tehran/IR; M. Jafarian, K.N. Toosi University of Technology, Tehran/IR
	Effect of alumina sol addition to the micro-arc oxidation electrolyte on the properties of MAO coatings formed on magnesium alloy AZ91D M. Laleh, <u>E. Saebnoori</u> , A. Sabour Rouhaghdam, Tarbiat Modares University, Tehran/IR
	Sealing treatment with nano-crystalline sol-gel layer for micro-arc oxidation coating formed on magnesium alloy AZ91D M. Laleh, A. Sabour Rouhaghdam, <u>E. Saebnoori</u> , F. Kargar, Tarbiat Modares University, Tehran/IR
	Investigation of Rare Earth sealing of porous micro-arc oxidation coating on magnesium alloy AZ91D M. Laleh, A. Sabour Rouhaghdam, <u>E. Saebnoori</u> , Tarbiat Modares University, Tehran/IR
	The modes of improving of the protective and decorative properties of magnetite coatings on steel <u>D.B. Vershok</u> , Yu.I. Kuznetsov, D.S. Bulgakov, A.N. Frumkin Institute of Physical Chemistry and Electrochemistry (RAS), Moscow/RUS
	A comparison between the electrochemical behaviors of some HVOF-sprayed WC-based coatings <u>M.R. Saghi Beyragh</u> , Sahand University of Technology, Tabriz/IR; Sh. Khameneh Asl, University of Tabriz/IR; S. Norouzi, Material and Energy Research Center, Tehran/IR; R. Vafspour, Sharif University of Technology, Tehran/IR
	The effect of the heat treatment on electrochemical behaviors of some HVOF-sprayed WC-based coatings <u>M.R. Saghi Beyragh</u> , Sahand University of Technology, Tabriz/IR; Sh. Khameneh Asl, University of Tabriz/IR; S. Norouzi, Material and Energy Research Center, Tehran/IR; R. Vafspour, Sharif University of Technology, Tehran/IR
	Electrochemical study of silane films on 6063 Al alloy <u>B. Diaz-Benito</u> , F. Velasco, A. Bautista, Universidad Carlos III de Madrid, Leganes/E
	Paint and coatings of new generation for anticorrosion protection of metals <u>I.D. Kuleshova</u> , A.V. Sorokin, ZAO NPP Spectechnoprocess, Moscow/RUS

Corrosion in Refinery Industry (WP 15)	
	<p>Influence of temperature on the corrosion of ferrous alloys due to naphthenic acids in crude oil L. Georgescu, Gheorghe Baritiu Brasov University, Ploiesti/RO; <u>A.D. Niculae</u>, SC IPIP SA Ploiesti/RO; O. Georgescu, S. C. GEXACOR COM SRL Ploiesti/RO; M. Morosanu, Oil & Gas University, Ploiesti/RO</p>
	<p>Issues on corrosion equipment in installations by distribution DAV naphthenic acids from crude oil N.N. Antonescu, <u>M. Morosanu</u>, M.G. Petrescu, Oil & Gas University of Ploiesti/RO; A. Niculae, SC IPIP SA, Ploiesti/RO; L. Georgescu, University George Baritiu of Brasov, Ploiesti/RO; O. Georgescu, SC GEXACOR SRL, Ploiesti/RO</p>
	<p>Corrosion problems of modern petroleum refinery V.V. Burlov, <u>A.I. Altsybeevea</u>, T.M. Kuzinova, Russian Scientific Research Institute of Petrochemical Processes, St. Petersburg/RUS; V.L. Sokolov, PA Kirishinefteorgsyntez PLC, Kirishi/RUS</p>
	<p>Experimental study on the impact of corrosion of the crude oil with different total acid number and the application of inhibitors against naphthenic acids corrosion <u>M.K. Angelova</u>, N.B. Petkova, Y.S. Tasheva, Bourgas University 'Prof. Assen Zlatarov'/BG; P.G. Ivanova, Lukoil Neftocim Bourgas/RU</p>
Cathodic Protection (WP 16)	
	<p>pH variation during laboratory immersion corrosion tests <u>S.E.A. Filho</u>, Z. Pannossian, V.Y. Nagayassu, N.L. de Almeida, L. Lima e Silva, Institute for Technological Research, São Paulo/BR; E.W. Laurino, G.S. Pimenta, PETROBRAS Research Center, São Paulo/BR</p>
Automotive Corrosion (WP 17)	
	<p>Corrosion fatigue properties of joined materials for the automotive industry N. Lautrou, <u>N. LeBozec</u>, D. Thierry, French Corrosion Institute, Brest/F</p>
Tribocorrosion (WP 18)	
	<p>Erosion of compressor impeller by black powder <u>M. Saremi</u>, M. Kazemi, University of Tehran/IR</p>

Corrosion of Polymer Materials (WP 19)	
	Study on anti-aging coating for rubber equipment L. Meng, <u>Q. Huang</u> , National Key Laboratory for Remanufacturing, Beijing/PRC
	Study on corrosion properties of polymer-inorganic nanometer composite film H. Zhao, <u>Q. Huang</u> , National Key Laboratory for Remanufacturing, Beijing/PRC
	Application of polypyrrole on aluminum alloy 5052 and investigating of its corrosion resistance <u>M. Saremi</u> , T. Tarani, University of Tehran/IR
	Effectivity of new heat-proof silicide coatings protecting heat-proof carbon composite materials from high-temperature gas corrosion and erosion <u>V.S. Terentieva</u> , Moscow Aviation Institute (State Technical University), Moscow/RUS; B.E. Zhestkov, Central Aerohydrodynamics Institute, Zhukovsky/RUS
Corrosion & Corrosion Protection of Drinking Water Systems (WP 20)	
	Corrosion Related Problems with UNS S 31803 Duplex Steel Riser Pipe in Water Wells for the Great Man-Made River Project - Libya <u>S.E. El Koum</u> , H.B. Boshalla, Great Man-Made River Authority, Benghazi/LAR
	Effect of a magnetic device on carbon steel corrosion - preliminary field data E.A. Souza, <u>J.A.C.P. Gomes</u> , Federal University of Rio de Janeiro/BR; D.S. Freitas, National Institute of Technology, Rio de Janeiro/BR
Corrosion of Archaeological Artefacts	
	Qualitative and quantitative evaluation of corrosion resumption on corroded artefacts <u>A. Texier</u> , Laboratoire de Recherche des Monuments Historiques, Champs-sur-Marne/F; J. Schröter, Curator, Düsseldorf/D
	Protection of metallic industrial cultural heritage against atmospheric corrosion K. Kreislova, D. Knotkova, <u>T. Kubatik</u> , H. Geiplova, SVUOM Ltd., Prague/CZ
	Observations on corrosion of Romanian ethnographic artifacts made out of iron I. Duicu, The Dimitrie Gusti National Village Museum, Bucharest/RO
	Corrosion effects on monument to Minin and Pozharsky in Moscow A. Bogolitsyna, B. Pichler, A. Vendl, University of Applied Arts Vienna/A; <u>A. Mikhailov</u> , A.N. Frumkin Institute of Physical Chemistry and Electrochemistry (RAS), Moscow/RUS; B. Sizov, State Research Institute for Restoration, Moscow/RUS

Corrosion in Natural Environments	
	<p>Properties and protective ability of patina layer on long-term exposed weathering steel constructions in the Czech Republic D. Knotkova, <u>T. Kubatik</u>, A. Koukalova, SVUOM Ltd., Prague/CZ; J. Had, P. Sajdl, ICT Prague/CZ</p>
	<p>Atmospheric corrosion of carbon steel: modelling and mapping of the territory of Russian Federation <u>A. Mikhailov</u>, Yu. Panchenko, T. Igonin, M. Suloeva, V. Kovtanyuk, L. Markina, A.N. Frumkin Institute of Physical Chemistry and Electrochemistry (RAS), Moscow/RUS</p>
	<p>Influence of hydrogen absorbed by metal to active mild steel dissolution in near-neutral pH soil electrolyte <u>T.A. Nenasheva</u>, A.I. Marshakov, A.N. Frumkin Institute of Physical Chemistry and Electrochemistry (RAS), Moscow/RUS</p>
Joint Session: Local Microprobes to Study Surface Treatments and Coatings Produced by Nanotechnologies (WP 6 & WP 8 & WP 14)	
	<p>Influence of pyrite inclusions on the electrochemical behaviour of chalcopyrite mineral P.H. Suegama, A.H. Akita, C.S. Fugivara, O. Garcia Jr., <u>A.V. Benedetti</u>, Universidade Estadual Paulista, Araraquara/BR</p>
Workshop: Corrosion and Corrosion Protection in Aerospace Industry	
	<p>Phase composition and corrosion of magnesium alloys G. Morozova, Russian Institute of Aviation Materials, Moscow/RUS</p>
	<p>Investigation of the alloying effect on corrosion resistance of Zn-7Al-3.7Cu solders <u>V.P. Zhylikov</u>, A.D. Zhynov, Russian Institute of Aviation Materials, Moscow/RUS</p>
	<p>Investigation of corrosion resistance of D16T alloy non-clad sheets at various distance from a sea (the Black Sea, Chakva settlement) <u>V.V. Semyonychev</u>, A.D. Zhirnov, Russian Institute of Aviation Materials, Moscow/RUS</p>
	<p>Influence of laser treatments on the corrosion behaviour of titanium alloys <u>J.M. Sanchez-Amaya</u>, Ensayos y Proyectos Industriales S.L., Cadiz/E; Z. Boukha, M.R. Amaya-Vazquez, L. González-Rovira, F.J. Botana, University of Cadiz, Puerto Real/E</p>

Workshop on Nanotechnologies	
	<p>Electrodeposition of nano structured Zn-Ni-Al₂O₃ composite coatings from acidic and alkaline baths <u>M. Shoeib</u>, A. Abdul Azim, H. Soliman, Central Metallurgical Research & Development Institute, Cairo/ET</p>
	<p>Electrochemical corrosion performance of the electrodeposited nanocrystalline Ni-P-Cr films with and without dispersions of Al₂O₃ nanoparticles from trivalent chromium <u>M. Shoeib</u>, Central Metallurgical Research & Development Institute, Cairo/ET; O. Abdel-Salam, A. Yousef, Cairo University/ET</p>
	<p>Nano-hydroxyapatite electroplated titanium alloy implant <u>M. Shoeib</u>, Central Metallurgical Research & Development Institute, Cairo/ET; B. Wielag, S. Steinhäuser, T. Lampke, Chemnitz University of Technology/D</p>

Programme subject to change.