

Tuesday, 5 September 2017: **Poster session**

Forum Hall Foyer		Atmospheric Corrosion
18:30	99560	Santiago Flores (Pontificia Universidad Católica del Perú, Lima, Peru) / <u>Daniel Obregón</u> (Pontificia Universidad Católica del Perú, Lima, Peru) / Artemio Flores (Pontificia Universidad Católica del Perú, Lima, Peru): <b>Preparation and evaluation of sachu inchi oil based alkyd paints</b>
18:30	98120	HE Jianxin (Southwest Technique and Engineering Institute, China PR) / Zhang Lunwu (Southwest Technique and Engineering Institute, China PR) / Xiao Yong (Southwest Technique and Engineering Institute, Chongqing, China PR) / <u>Zhou Yi</u> (Southwest Technique and Engineering Institute, China PR): <b>SEM and XPS Characterization of the Rust Layers for Carbon Steel in a Marine Atmosphere</b>
18:30	97272	<u>Teresa Cunha Diamantino</u> (LNEG, Lisboa, Portugal) / Paiva Teresa (LNEG, Lisboa, Portugal) / Anabela Gomes (LNEG, Lisboa, Portugal) / Rita Gonçalves (LNEG, Lisboa, Portugal) / Teresa Chambino (LNEG, Lisboa, Portugal) / Maria João Carvalho (LNEG, Lisboa, Portugal) / Florian Sutter (DLR German Aerospace Center, Almería, Spain) / Aranzazu Fernandez-García (CIEMAT, Almería, Spain): <b>Influence of maritime/industrial atmosphere on degradation of aluminium reflectors for CSP plants</b>
18:30	94592	<u>Belen Chico</u> (National Centre for Metallurgical Research (CENIM/CSIC), Madrid, Spain) / Daniel de la Fuente (National Centre for Metallurgical Research (CENIM/CSIC), Madrid, Spain) / Joaquin Simancas (National Centre for Metallurgical Research (CENIM/CSIC), Madrid, Spain) / Francisco Madrid (Decommissioning Projects Dept. of the Empresa Nacional de Residuos Radiactivos,S.A. (ENRESA), Madrid, Spain) / Manuel Morcillo (National Centre for Metallurgical Research (CENIM/CSIC), Madrid, Spain): <b>Evaluation of marine atmospheric corrosion in the natural environment of a nuclear power plant</b>
18:30	93962	<u>Charalampos Titakis</u> (National Technical University of Athens, Greece) / Panayota Vassiliou (National Technical University of Athens, Greece) / Olga Papadopoulou (National Technical University of Athens, Greece): <b>Atmospheric Corrosion of Aluminium, Carbon Steel, Copper and Zinc in Airport-Preliminary Study</b>
18:30	86701	<u>Thoralf Müller</u> ( Bundesanstalt für Materialforschung und -prüfung (BAM), Berlin) / Andreas Burkert (Bundesanstalt für Materialforschung und -prüfung (BAM), Berlin) / Jens Lehmann (Bundesanstalt für Materialforschung und -prüfung (BAM), Berlin): <b>Long-term corrosion behavior of stainless steel in a maritime atmosphere</b>
18:30	80801	Martin Babutzka (Bundesanstalt für Materialforschung und -prüfung (BAM), Berlin) / <u>Steffi Reinemann</u> (Bundesanstalt für Materialforschung und -prüfung (BAM), Berlin) / Jens Lehmann (Bundesanstalt für Materialforschung und -prüfung (BAM), Berlin) / Andreas Burkert (Bundesanstalt für Materialforschung und -prüfung (BAM), Berlin): <b>Influence of corundum grinding processes on the corrosion behaviour of austenitic stainless steels</b>
18:30	79626	<u>Vit Krivy</u> (VŠB - TU Ostrava, Czech Republic) / Monika Kubzova (VŠB - TU Ostrava, Czech Republic) / Katerina Kreislova (SVUOM Ltd., Praha, Czech Republic) / Viktor Urban (VŠB - TU Ostrava, Czech Republic): <b>Experimental measurement of chlorides deposition and their influence on the development of corrosion products on weathering steel bridges</b>
18:30	74772	<u>Katerina Kreislova</u> (SVUOM Ltd., Czech Republic) / Vit Krivy (VSB-TU Ostrava, Czech Republic) / Viktor Urban (VSB-TU Ostrava, Czech Republic) / Hana Geiplova (SVUOM Ltd., Czech Republic): <b>Corrosivity of atmospheres in specific microclimates</b>

Forum Hall Foyer		Automotive Corrosion
18:30	99226	<u>Nigar Özey</u> (ORAU Orhan Automotive Control Systems A.Ş R&D Center, Turkey) / Mehtap Hidiroglu (ORAU Orhan Automotive Control Systems A.Ş R&D Center, Turkey) / Hüseyin Karabulut (ORAU Orhan Automotive Control Systems A.Ş R&D Center, Turkey): <b>Mechanical Properties and Corrosion Behavior Of Stainless Steel Fuel Feed Tube</b>
18:30	97171	<u>Arash Shadravan</u> (Texas A&M University, USA) / Mahdi Mohajeri (Texas A&M University, USA): <b>Modeling of Potential Distribution of Automotive Aluminum Structures Using Organic Coating</b>
18:30	87786	Camila Pucci Couto (Instituto de pesquisas energéticas e nucleares - IPEN, Sao Paulo, Brazil) / Isolda Costa (Instituto de pesquisas energéticas e nucleares - IPEN, Sao Paulo, Brazil) / Marco Colosio (General Motors of Brazil, São Caetano do Sul, Brazil) / Maurilio Gomes (Instituto de pesquisas energéticas e nucleares - Ipen, Sao Paulo, Brazil) / <u>Jesualdo Luiz Rossi</u> (Instituto de pesquisas energéticas e nucleares - IPEN, Sao Paulo, Brazil) / Marília Bolsanello (Instituto de pesquisas energéticas e nucleares - Ipen, Sao Paulo, Brazil): <b>Influence of heat treatment on corrosion resistance of press hardened steel coated with AISi and ZnNi</b>
18:30	79251	<u>Daniel Kajánek</u> (University of Zilina, Slovakia) / Filip Pastorek (University of Zilina, Slovakia) / Stanislava Fintová (Institute of Physics of Materials AS CR, Brno, Czech Republic) / Tatiana Liptáková (University of Zilina, Slovakia): <b>Effect of dicalcium phosphate-dihydrate coating created by large amplitude sinusoidal voltammetry technique on corrosion behaviour of ZW3 magnesium alloy in 0.1M NaCl</b>
18:30	78736	<u>Kamil Borko</u> (University of Žilina, Slovakia) / Branislav Hadzima (University of Žilina, Slovakia) / Filip Pastorek (University of Žilina, Slovakia) / Sylvia Dundeková (University of Žilina, Slovakia): <b>Effect of combined surface treatment on quality and electrochemical corrosion properties of manganese phosphate on HSLA steel Domex 700</b>
18:30	77546	Tobias Leidens (Federal University of Rio Grande do Sul, Porto Alegre, Brazil) / <u>Gerhard Knörnschild</u> (Federal University of Rio Grande do Sul, Porto Alegre, Brazil): <b>Anodization of magnesium alloy AZ91 in KF electrolytes with water ethanol mixtures</b>
18:30	77021	Marta Mohedano (Universidad Complutense de Madrid, Spain) / Beatriz Mingo (Universidad Complutense, Madrid, Spain) / Chamini Mendis (Brunel University London, United Kingdom) / Ruben del Olmo (Universidad Complutense, Madrid, Spain) / Angel Pardo (Universidad Complutense, Madrid, Spain) / Endzhe Matykina (Universidad Complutense, Madrid, Spain) / Raul Arrabal (Universidad Complutense, Spain): <b>Effects of Nd, Ca, Y and Sn on the microstructure and corrosion behavior of Mg-9Al alloy</b>
18:30	75571	<u>Raul Cioban</u> (Robert Bosch SRL; Babes-Bolyai University, Cluj-Napoca, Romania) / Cosmin Leordean (Robert Bosch SRL; Babes-Bolyai University, Cluj-Napoca, Romania) / Robert Grasin (Robert Bosch SRL, Cluj-Napoca, Romania) / Norman Krings (Robert Bosch SRL, Cluj-Napoca, Romania) / Simion Simon (Babes-Bolyai University, Cluj-Napoca, Romania): <b>The influence of surface chemistry on electrochemical migration</b>

18:30	72537	<p><u>Yasuhide Ishiguro</u> (JFE Steel Corporation, Handa Aichi, Japan) / <u>Kazuki Fujimura</u> (JFE Steel Corporation, Handa, Japan) / <u>Shinji Ootsuka</u> (JFE Steel Corporation, Fukuyama, Japan) / <u>Akio Kobayashi</u> (JFE Steel Corporation, Chita, Japan):</p> <p><b>Mechanism of long-standing question of 300 to 400 degree Celsius hydrogen peak in steel measured by Thermal Desorption Spectroscopy and its extended concept</b></p>
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Forum Hall Foyer		Coatings
18:30	99855	<p><u>Beatriz Mingo</u> (The University of Manchester, United Kingdom) / <u>Yue Guo</u> (The University of Manchester, United Kingdom) / <u>Allan Matthews</u> (The University of Manchester, United Kingdom) / <u>Aleksey Yerokhin</u> (The University of Manchester, United Kingdom):</p> <p><b>Active Functionalization of ceramic coatings: incorporation of loaded nanotubes</b></p>
18:30	99375	<p><u>Guy Decelles</u> (ECKART Suisse SA, Vétroz, Switzerland):</p> <p><b>Corrosion Protection Systems based on Lamellar Zinc Pigments</b></p>
18:30	99111	<p><u>Hongchang Qian</u> (University of Science and Technology Beijing, China PR) / <u>Cuiwei Du</u> (University of Science and Technology Beijing, China PR) / <u>Dawei Zhang</u> (University of Science and Technology Beijing, China PR) / <u>Lin Lu</u> (University of Science and Technology Beijing, China PR) / <u>Jin Gao</u> (University of Science and Technology Beijing, China PR) / <u>Xiaogang Li</u> (University of Science and Technology Beijing, China PR):</p> <p><b>Dual-action smart coatings with a self-healing superhydrophobic surface and anti-corrosion properties</b></p>
18:30	99081	<p><u>Giovanni Urruth Bruno</u> (UFRGS, Porto Alegre, Brazil) / <u>Alvaro Meneguzzi</u> (UFRGS, Porto Alegre, Brazil) / <u>Jane Zoppas</u> (UFRGS, Porto Alegre, Brazil):</p> <p><b>CIELab assessment of organic coatings under UV radiation</b></p>
18:30	98992	<p><u>Guangyi Cai</u> (Huazhong University of Science and Technology, WuHan, China PR) / <u>Zehua Dong</u> (Huazhong University of Science and Technology, WuHan, China PR):</p> <p><b>Onsite coating aging sensor and its application in the early failure diagnosis of coating</b></p>
18:30	98897	<p><u>Hossein Hassannejad</u> (Arak University, Arak, Iran) / <u>Ashkany Nouri</u> (Arak University, Arak, Iran) / <u>Ehsan Saebnouri</u> (Islamic Azad University, Najafabad, Iran):</p> <p><b>Corrosion behavior of antibacterial, environmentally friendly and degradable chitosan-based composite coating on aluminum alloy AA8006</b></p>
18:30	97805	<p><u>Zohra Halem</u> (University Mentouri, Constantine, Algeria) / <u>N Mahiouz</u> (University Mouloud Mammeri, Tizi-Ouzou, Algeria) / <u>Nacer Halem</u> (University Mouloud Mammeri, Tizi-Ouzou, Algeria) / <u>Georgette Petot-Ervas</u> (Research group CNRS/SPMS/ECP/92, Gif sur Yvette, France):</p> <p><b>Influence of cation kinetic demixing processes in oxide scales on alloy oxidation rates</b></p>
18:30	97327	<p><u>Tseng-Chang Tsai</u> (University of Kaohsiung, Kaohsiung, Taiwan) / <u>Po-Yi Liu</u> (Department of Applied Chemistry / National University of Kaohsiung, Kaohsiung, Taiwan) / <u>Shang-Tien Tsai</u> (Hawing GemS Technology Corporation, Taichung, Taiwan):</p> <p><b>Functionalized Double Layered Hydroxide Coating on Aluminum Alloy for Enhanced Alkaline Resistant Anti-Corrosion</b></p>
18:30	96667	<p><u>Mathilde Teboul</u> (Huntsman Europe BVBA, Everberg, Belgium) / <u>Tugba Vardareli</u> (Huntsman Europe BVBA, Everberg, Belgium) / <u>Chris Phanopoulos</u> (Huntsman Europe BVBA, Everberg, Belgium):</p> <p><b>Initial investigation into the principles of the key features of polyurethane coatings which provide corrosion protection</b></p>
18:30	95112	<p><u>Anna Gajewska-Midzialek</u> (Institute of Precision Mechanics, Warsaw, Poland):</p> <p><b>Influence of additives on corrosion resistance of electrochemical composite coatings Ni-B</b></p>
18:30	94902	<p><u>Flemming Jensen</u> (Technical University of Denmark, Lyngby, Denmark) / <u>Visweswara Chakravarthy Gudla</u> (Technical University of Denmark, Lyngby, Denmark) / <u>Ib Kongstad</u> (Bang &amp; Olufsen Operations, Struer, Denmark) / <u>Rajan Ambat</u> (Technical University of Denmark, Lyngby, Denmark):</p> <p><b>High Frequency Pulse Anodising of Aluminium for Decorative Applications</b></p>
18:30	94492	<p><u>Pedro J. Rivero</u> (Public University of Navarre, Pamplona, Spain) / <u>Juan Deyo Maeztu</u> (Public University of Navarre, Pamplona, Spain) / <u>Carlos Berlanga</u> (Public University of Navarre, Pamplona, Spain) / <u>Rafael Rodriguez</u> (Public University of Navarre, Pamplona, Spain):</p> <p><b>A comparative study of the corrosion resistance of sol-gel hybrid films with embedded inorganic nanoparticles on AA6061-T6 substrates</b></p>
18:30	94357	<p><u>Kleber Gustavo da Silva Souza</u> (State University of Santa Cruz, Ilhéus, Brazil) / <u>Fernando Cotting</u> (Polytechnic School of the University of São Paulo, Brazil) / <u>Idalina Vieira Aoki</u> (Polytechnic School of the University of São Paulo, Brazil) / <u>Franco Dani Rico Amado</u> (State University of Santa Cruz, Ilhéus, Brazil) / <u>Vera Rosa Capelossi</u> (State University of Santa Cruz, Ilhéus, Brazil):</p> <p><b>Factorial Design to study the influence of silane ratio, silane concentration and hydrolysis time on corrosion behavior of galvanized steel pretreated with silane hybrid film</b></p>
18:30	94267	<p><u>Olawale Fatora</u> (Tshwane University of Technology, Pretoria, South Africa) / <u>Ayanda Xulu</u> (Tshwane University of Technology, Pretoria, South Africa) / <u>Patricia Popoola</u> (Tshwane University of Technology, Pretoria, South Africa) / <u>Sisa Pityana</u> (Centre for Scientific and Industrial Research-National Laser Centre, Pretoria, South Africa):</p> <p><b>Multiphysics Modeling, Microstructure and Corrosion Resistance of Laser Deposited Ti-Zn-Ni Coatings on Ti-6Al-4V Alloy</b></p>
18:30	94242	<p><u>Vera Capelossi</u> (State University of Santa Cruz, Ilhéus, Brazil) / <u>Fernando Cotting</u> (University of São Paulo, Brazil):</p> <p><b>Study of hydrolysis conditions to obtain the vinyltriethoxysilane film as galvanized steel pretreatment against corrosion</b></p>
18:30	94217	<p><u>Joaquim Simancas</u> (National Centre for Metallurgical Research (CENIM-CSIC), Madrid, Spain) / <u>Daniel De la Fuente</u> (National Centre for Metallurgical Research (CENIM/CSIC), Madrid, Spain) / <u>Chico Belen</u> (National Centre for Metallurgical Research (CENIM/CSIC), Madrid, Spain) / <u>Manuel Morcillo</u> (National Centre for Metallurgical Research (CENIM/CSIC), Madrid, Spain):</p> <p><b>Atmospheric corrosion behaviour of paint systems applied on magnesium alloys</b></p>

18:30	94097	<u>Pavel Vana</u> (EKOMOR, s.r.o., Czech Republic): <b>Reducing salt bath, effective pre-treatment for stainless steels pickling</b>
18:30	93492	<u>Zdenek Bartak</u> (SVUOM Ltd., Prague, Czech Republic) / <u>Libor Turek</u> (SVUOM Ltd., Prague, Czech Republic) / <u>Katerina Kreislova</u> (SVUOM Ltd., Prague, Czech Republic): <b>Corrosion behaviour of alloyed zinc coatings</b>
18:30	93392	<u>Angélica Amigó-Mata</u> (Univ. Politécnic de Valencia (UPV-ITM), Valencia, Spain) / <u>Montserrat Haro-Rodríguez</u> (Univ. Politécnic de Valencia (UPV-ITM), Valencia, Spain) / <u>Vicente Amigó-Borrás</u> (Univ. Politécnic de Valencia (UPV-ITM), Valencia, Spain) / <u>Armando J Yáñez-Casal</u> (Universidade da Coruña, El Ferrol, Spain) / <u>J. Manuel Amado-Paz</u> (Universidade da Coruña, El Ferrol, Spain) / <u>Anna Neus Igual-Muñoz</u> (Univ. Politécnic de Valencia (UPV-ISIRYM), Valencia, Spain) / <u>Javier Navarro-Laboulais</u> (Univ. Politécnic de Valencia (UPV-ISIRYM), Valencia, Spain): <b>Corrosion Resistance Enhancement of Laser-Remelted Titanium-Niobum Alloys</b>
18:30	93282	<u>Yasmin Hayatgheb</u> (Institute for Color Science and Technology (ICST), Tehran, Iran) / <u>Bahram Ramezanzadeh</u> (Institute for Color Science and Technology, Tehran, Iran) / <u>Mohamad Mahdavian</u> (Institute for color science and technology, Tehran, Iran) / <u>Pooneh Kardar</u> (institute for color science and Technology, Tehran, Iran) / <u>Sara Karimian</u> (Laboratory of Tehran, Iran): <b>Fabrication of a highly effective corrosion protection system based on GO-PANI-NE/epoxy nanocomposites</b>
18:30	93006	<u>Stéphanie Cardoso de Sá</u> (Universidade Federal do Rio Grande do Sul (UFRGS), Porto Alegre, Brazil) / <u>Rafael Silveira Peres</u> (Universidade Federal do Rio Grande do Sul (UFRGS), Porto Alegre, Brazil) / <u>Ariane Vanessa Zmozinski</u> (Universidade Federal do Rio Grande do Sul (UFRGS), Porto Alegre, Brazil) / <u>Carlos Arthur Ferreira</u> (Universidade Federal do Rio Grande do Sul (UFRGS), Porto Alegre, Brazil): <b>Evaluation of anticorrosion performance of an epoxy intumescent coating</b>
18:30	91751	<u>Cecilia Cuevas Arteaga</u> (Universidad Autónoma del, Cuernavaca Morelos, Mexico) / <u>Daniel Escarcega Cuevas</u> (Universidad Autónoma del Estado de Morelos, Cuernavaca, Morelos, Mexico) / <u>Diego Mendoza Morales</u> (Universidad Autónoma del Estado de Morelos, Cuernavaca, Morelos, Mexico) / <u>Rosa Ma. Melgoza Aleman</u> (Universidad Autónoma del Estado de Morelos, Cuernavaca, Morelos, Mexico) / <u>Ma. Guadalupe Valladares Cisneros</u> (Universidad Autónoma del Estado de Morelos, Cuernavaca, Morelos, Mexico): <b>Comparison of the electrochemical performance of TiO<sub>2</sub> nanotubular films exposed in two corrosive solutions at different pH</b>
18:30	91566	<u>Walney Silva Araujo</u> (Universidade Federal do Ceará, Fortaleza, Brazil) / <u>Daniel de Castro Girão</u> (Universidade Federal do Ceará, Fortaleza, Brazil) / <u>Adriana de Oliveira Sousa Leite</u> (Universidade Federal do Ceará, Fortaleza, Brazil) / <u>Ursula Cid Pereira</u> (Universidade Federal do Ceará, Fortaleza, Brazil): <b>Evaluation of coatings in atmospheres in coal-fired thermoelectric power plants with semi-dry flue gas desulfurization</b>
18:30	91421	<u>Alexander Lutz</u> (Vrije Universiteit Brussel, Belgium) / <u>Juliusz Winiarski</u> (Wrocław University of Science and Technology, Wrocław, Poland) / <u>Bodgan Szczygiel</u> (Wrocław University of Science and Technology, Wrocław, Poland) / <u>Iris De Graeve</u> (Vrije Universiteit Brussel, Belgium): <b>Local electrochemical study of ternary Zn-Fe-Mo alloy coatings on carbon steel</b>
18:30	90826	<u>Malgorzata Kopec</u> (AkzoNobel Chemicals B.V., Deventer, Netherlands) / <u>Brenda Rossenaar</u> (AkzoNobel Chemicals B.V., Deventer, Netherlands) / <u>Yanwen Liu</u> (University of Manchester, United Kingdom) / <u>Stuart Lyon</u> (University of Manchester, United Kingdom) / <u>Antony Davies</u> (AkzoNobel Chemicals B.V., Deventer, Netherlands) / <u>Xiaorong Zhou</u> (University of Manchester, United Kingdom): <b>Migration of inorganic pigments in model polymer coatings</b>
18:30	90461	<u>Jane Zoppas Ferreira</u> (UFRGS / PPGE3M / LACOR, Porto Alegre RS, Brazil) / <u>Daiana Sacilotto</u> (UFRGS / PPGE3M / LACOR, Porto Alegre, Brazil) / <u>Antonio Nichele</u> (UFRGS / PPGE3M / LACOR, Porto Alegre, Brazil): <b>Superhydrophobic coating and corrosion resistance evaluation on aluminum alloy</b>
18:30	90426	<u>Jane Zoppas Ferreira</u> (UFRGS / PPGE3M / LACOR, Porto Alegre RS, Brazil) / <u>Felipe Samuel Goettems</u> (UFRGS / PPGE3M / LACOR, Porto Alegre, Brazil): <b>Influence of heat treatment on the corrosion behaviour of electroless Ni-P coatings</b>
18:30	90191	<u>Xueqiang Dong</u> (PanGang Group Research Institute Co., Ltd., Panzhihua, China PR): <b>Study of the Passive film on Hot-dip Zn-Al Galvanizing Extra deep Drawing Steel</b>
18:30	88731	<u>Eduardo G.B. Leite</u> (National Institute of Technology/INT, Rio de Janeiro, Brazil) / <u>Simone Louise D.C. Brasil</u> (Federal University of Rio de Janeiro/UFRJ, Rio de Janeiro, Brazil) / <u>Denise S. Freitas</u> (National Institute of Technology/INT, Rio de Janeiro, Brazil): <b>Polyurethane Insulation Coating under Cathodic Protection: an experimental study</b>
18:30	88566	<u>Mohammad Mahdavian</u> (Institute for Color Science and Technology, Tehran, Iran) / <u>Meysoun Sadat Razizadeh</u> (Institute for Color Science and Technology, Tehran, Iran) / <u>Bahram Ramezanzadeh</u> (Institute for Color Science and Technology, Tehran, Iran) / <u>Sina Jamali</u> (University of Wollongong, Wollongong, Australia) / <u>Eiman Alibakhshi</u> (Institute for Colo Science and Technology, Tehran, Iran): <b>Synergistic corrosion inhibition between zinc cation and plant extract in epoxy coating</b>
18:30	87046	<u>Katerina Nechvílová</u> (University of Pardubice, Czech Republic) / <u>Andrea Kalendová</u> (University of Pardubice, Czech Republic) / <u>Klára Melánová</u> (Joint Laboratory of Solid State Chemistry of the Institute Macromolecular Chemistry of AS CR and University of Pardubice, Pardubice, Czech Republic): <b>The influence of different weight on coated pigment by conductive polymer to anticorrosive properties of paint films applied on steel panels</b>
18:30	85106	<u>Suyoung Kim</u> (POSCO Technical Research Laboratories, Pohang-si, Korea, South) / <u>Moonjae Kwon</u> (POSCO Technical Research Laboratories, Pohang-si, Korea, South) / <u>Jong-Tae Park</u> (POSCO Technical Research Laboratories, Pohang-si, Korea, South): <b>Study on the Coating Characteristics of Molten Zn-Mg-Al Alloy</b>
18:30	84676	<u>Mika Tsunakawa</u> (Shibaura Institute of Technology, Koto-ku, Japan) / <u>Yuta Shimada</u> (Shibaura Institute of Technology, Koto-ku, Japan) / <u>Kae Nakamura</u> (Shibaura Institute of Technology, Koto-ku, Japan) / <u>Takahiro Ishizaki</u> (Shibaura Institute of Technology, Koto-ku, Japan): <b>Preparation of corrosion resistant film on magnesium alloys with different aluminum contents by steam coating</b>

18:30	84631	<u>Elena Halecka</u> (University of Pardubice, Czech Republic) / <u>Andréa Kalendová</u> (University of Pardubice, Czech Republic): <b>Corrosion-inhibiting efficiency of the protective coatings with pigment particles and conducting polymers</b>
18:30	84616	<u>Peter Rodić</u> (Jozef Stefan Institute, Ljubljana, Slovenia) / <u>Ingrid Milosev</u> (Jozef Stefan Institute, Ljubljana, Slovenia): <b>Corrosion protection of aluminium using hydrophobic sol-gel coatings based on alkyl or fluoroalkyl silane</b>
18:30	84346	<u>Jakub Krejčí</u> (Czech Technical University in Prague; UJP PRAHA, a.s., Prague, Czech Republic) / <u>Martin Ševeček</u> (Czech Technical University in Prague, Czech Republic) / <u>Ladislav Cvrček</u> (Czech Technical University in Prague, Czech Republic) / <u>Manoch František</u> (UJP PRAHA, a.s., Prague, Czech Republic) / <u>Jitka Kabátová</u> (UJP PRAHA a.s., Prague, Czech Republic): <b>Chromium and Chromium Nitride Coated Cladding for Nuclear Reactor Fuel</b>
18:30	84226	<u>Andréa Kalendová</u> (University of Pardubice, Czech Republic) / <u>David Veselý</u> (University of Pardubice, Czech Republic) / <u>Miroslav Kohl</u> (University of Pardubice, Czech Republic) / <u>Kateřina Nechvilová</u> (University of Pardubice, Czech Republic) / <u>Elena Halecka</u> (University of Pardubice, Czech Republic): <b>Formulation of paints and organic coatings containing environmentally friendly pigments intended for anticorrosion protection of metallic substrates</b>
18:30	84011	<u>Angela Garcia-Argumanez</u> (Universidad Complutense de Madrid, Spain) / <u>Irene Llorente</u> (Consejo Superior de Investigaciones Científicas, Madrid, Spain) / <u>M Lorenza Escudero</u> (Consejo Superior de Investigaciones Científicas, Madrid, Spain) / <u>M Cristina Garcia-Alonso</u> (Consejo Superior de Investigaciones Científicas, Madrid, Spain) / <u>Olga Caballero</u> (Instituto de Microelectrónica de Madrid (CSIC), Spain): <b>Electrochemical deposition of Reduced Graphene Oxide on biomedical grade CoCr alloy</b>
18:30	83706	<u>Miroslav Kohl</u> (University of Pardubice, Czech Republic) / <u>Andréa Kalendová</u> (University of Pardubice, Czech Republic): <b>The effect of polyaniline benzoate on corrosive and mechanical properties of organic coatings containing of zinc metal particles</b>
18:30	82816	<u>Carsten Becker-Willinger</u> (INM - Leibniz Institute for New Materials, Saarbrücken, Germany) / <u>Marlon Jochum</u> (INM - Leibniz Institute for New Materials, Saarbrücken, Germany) / <u>Sener Albayrak</u> (INM - Leibniz Institute for New Materials, Saarbrücken, Germany) / <u>Emilie Perre</u> (INM - Leibniz Institute for New Materials, Saarbrücken, Germany) / <u>Jessica Brunke</u> (INM - Leibniz Institute for New Materials, Saarbrücken, Germany) / <u>Marek Twardoch</u> (INM - Leibniz Institute for New Materials, Saarbrücken, Germany): <b>Structure property relations in Nanomer® powder coatings containing new zinc phosphate flake-type pigments for corrosion protection on mild steel</b>
18:30	82441	<u>M. Ramezanzadeh</u> (Institute for Color Science and Technology, Tehran, Iran) / <u>Z. Sanaei</u> (Institute for Color Science and Technology, Tehran, Iran) / <u>B. Ramezanzadeh</u> (Institute for Color Science and Technology, Tehran, Iran) / <u>Sina Abrishami</u> (Tehran University, Tehran, Iran): <b>The influence of praseodymium (III) oxide (Pr<sub>2</sub>O<sub>3</sub>) on the corrosion resistance and adhesion properties of an epoxy-polyamide coating on steel substrate</b>
18:30	82151	<u>Molina Paulo</u> (Universidad de Santiago de Chile, Chile) / <u>Lisa Muñoz</u> (Universidad de Santiago de Chile, Chile) / <u>Maritza Páez</u> (Universidad de Santiago de Chile, Chile): <b>Polymethyl methacrylate coating modified with SiO<sub>2</sub> nanocapsules for aluminum alloys protection</b>
18:30	81841	<u>Vladimir Vigdorovich</u> (All-Russian Scientific Research Institute of Use of Machinery and Oil Products, Tambov, Russia) / <u>Liudmila Tsygankova</u> (Derzhavin State University, Tambov, Russia) / <u>Evgeniya Shel</u> (Tambov State Technical University, Tambov, Russia) / <u>Alexander Uryadnikov</u> (Derzhavin State University, Tambov, Russia) / <u>Natalia Shel</u> (Tambov State Technical University, Tambov, Russia): <b>Corrosion and electrode reaction kinetics of steel covered by superhydrophobic film in acid chloride media</b>
18:30	80826	<u>Jürgen Triebert</u> (Institut für Korrosionsschutz Dresden GmbH, Dresden, Germany) / <u>Theresa Klein</u> (Institut für Korrosionsschutz Dresden GmbH, Dresden, Germany): <b>Lead-free and bismuth-containing zinc melts in hot-dip galvanizing</b>
18:30	80486	<u>Jin Gao</u> (University of Science and Technology Beijing, China PR) / <u>Zhengming Zhang</u> (Corrosion and Protection Center, Beijing, China PR) / <u>Yantao Liu</u> (Corrosion and Protection Center, Beijing, China PR) / <u>Lin Lu</u> (Corrosion and Protection Center, Beijing, China PR) / <u>Xiaogang Li</u> (Corrosion and Protection Center, Beijing, China PR): <b>Impact of the different waterborne coatings' structures on the transport process of the corrosive medium</b>
18:30	80211	<u>Simona Ivanová</u> (Výzkumný a zkušební letecký ústav, a.s., Prague, Czech Republic) / <u>Jiří Bárta</u> (Výzkumný a zkušební letecký ústav, a.s., Prague, Czech Republic) / <u>Martina Pazderová</u> (Výzkumný a zkušební letecký ústav, a.s., Prague, Czech Republic): <b>Corrosion and adhesion properties of high entropy alloy coating</b>
18:30	79961	<u>Mario Aparicio</u> (Instituto de Cerámica y Vidrio (CSIC), Madrid, Spain) / <u>Andrei Jitianu</u> (Lehman College, CUNY, New York, USA) / <u>Gabriela Rodriguez</u> (Lehman College, CUNY, New York, USA) / <u>K. Al-Marzoki</u> (Rutgers University, New Jersey, USA) / <u>Jadra Mosa</u> (Instituto de Cerámica y Vidrio, Consejo Superior de Investigaciones Científicas (CSIC) Madrid, Spain) / <u>Lisa C. Klein</u> (Rutgers University, New Jersey, USA): <b>Corrosion protection of Magnesium Alloy AZ31B with Melting gel coatings based on different mono- and di-substituted siloxanes</b>
18:30	79811	<u>Daisuke Ito</u> (Yokohama National University, Yokohama, Japan) / <u>Shinji Okazaki</u> (Yokohama National University, Yokohama, Japan) / <u>Kazuyoshi Sekine</u> (High Pressure Institute of Japan, Tokyo, Japan) / <u>Masaru Ishihara</u> (Japan Oil, Gas and Metals National Corporation, Tokyo, Japan): <b>New degradation assessment and analysis method of bottom plate coating of oil storage tank</b>
18:30	77121	<u>Xiayon Zhang</u> (Beijing Institute of Aeronautical Materials, Beijing, China PR): <b>Cold-spraying of al-zn coating: coating characteristics and heat treatment</b>
18:30	76581	<u>Luc Perrad</u> (Pipelines Corrosion Protection, Kraainem Kraainem, Belgium): <b>Polymeric mesh backed coatings: introduction in western europe and africa</b>

18:30	76211	<u>Hyeon Seok Hwang</u> (POSCO, Gwangyang, Korea, South) / Moon-Hi Hong (POSCO, Gwangyang, Korea, South): <b>Effect of magnesium content on microstructure and corrosion behavior of hot-dip galvanized steel</b>
18:30	75681	<u>Ewa Osuchowska</u> (Institute of Precision Mechanics, Warsaw, Poland) / Zofia Buczek (Institute of Precision Mechanics, Warsaw, Poland): <b>Electrodeposition and characterization of Zn/carbon particles composite coatings</b>
18:30	74981	<u>Tzvetanka Bojadjeva-Scherzer</u> (Centre of Electrochemical Surface Technology GmbH, Wiener Neustadt, Austria) / Veselina Chakarova (Bulgarian Academy of Sciences, Sofia, Bulgaria) / Daniela Kovacheva (Bulgarian Academy of Sciences, Sofia, Bulgaria) / Hermann Kronberger (TU-Vienna, Austria) / Milko Monev (Bulgarian Academy of Sciences, Sofia, Bulgaria): <b>Corrosion-electrochemical behavior of zeta-CrZn13 phase obtained by thermal treatment of electrodeposited Zn-Cr alloy coatings</b>
18:30	74437	<u>Abdel Hamid Zeinab</u> (CMRDI, He, Egypt): <b>Electrooxidation of Methanol and Ethanol on Electrodeposited Ni-MgO/C Nanocomposite Electrodes by Electrochemical Techniques</b>
18:30	73006	<u>Yazid Touazi</u> (Centre de recherche de la marine, Adendorf, Kr Lüneburg): <b>Effect of calcination temperature of incorporated iron oxide in epoxy deposition on anti-corrosion behavior</b>
18:30	72871	<u>Mobin Mohammad</u> (Aligarh Muslim University, Aligarh-UP, India) / Jeenat Aslam (Aligarh Muslim University, Aligarh, India): <b>Synthesis, characterization and anticorrosive properties of poly(aniline-co-o-toluidine-co-o-aminobenzoic acid)/ TiO<sub>2</sub> nanocomposite</b>
18:30	74397	<u>Abdel Hamid Zeinab</u> (CMRDI, He, Egypt): <b>Electrooxidation of Methanol and Ethanol on Electrodeposited Ni-MgO/C Nanocomposite Electrodes by Electrochemical Techniques</b>
18:30	75681	<u>Ewa Osuchowska</u> (Institute of Precision Mechanics, Warsaw, Poland) / Zofia Buczek (Institute of Precision Mechanics, Warsaw, Poland): <b>Electrodeposition and characterization of Zn/carbon particles composite coatings</b>
18:30	78516	Guoqing Duan (Chinese Academy of Sciences, Shenyang, China PR) / Lixin Yang (Petrochina Tarim Oilfield Company, Korla, China PR) / Yange Yang (Chinese Academy of Sciences, Shenyang, China PR) / Bo Zhang (Petrochina Tarim Oilfield Company, Korla, China PR) / <u>Tao Zhang</u> (Chinese Academy of Sciences, Shenyang, China PR) / Baoxing Yu (Chinese Academy of Sciences, Shenyang, China PR) / Fuhui Wang (Chinese Academy of Sciences, Shenyang, China PR): <b>Designing for chemical conversion coating with high corrosion resistance and low electrical contact resistance on AZ91D magnesium alloy</b>
18:30	96767	<u>Anna Guzanova</u> (Technical University of Košice, Slovakia) / Janette Brezinová (Technical University of Košice, Slovakia) / Dagmar Draganovská (Technical University of Košice, Slovakia): <b>Possibilities of the surface quality assessment in abrasive blast cleaning process</b>
18:30	78556	<u>Abdullatif AlAbdulhadi</u> (Saudi Aramco, Dhahran, Saudi Arabia) / Sultan Al-Mutairi (Saudi Aramco, Dhahran, Saudi Arabia) / Suleiman Yero (Saudi Aramco, Dhahran, Saudi Arabia) / Sayee Raghunathan (Saudi Aramco, Dhahran, Saudi Arabia) / Abdulrahman Huwajji (Saudi Aramco, Dhahran, Saudi Arabia) / A. H. Rasheed (Saudi Aramco, Dhahran, Saudi Arabia): <b>Electrochemical Characterization of Thermal Arc spray coatings</b>
<b>Forum Hall Foyer</b>		<b>Coatings for High Temperatures</b>
18:30	95262	<u>Aleksandra Debowska</u> (AGH University of Science and Technology, Cracow, Poland) / Agnieszka Kopia (AGH University of Science and Technology, Cracow, Poland) / Aneta Magdziarz (AGH University of Science and Technology, Cracow, Poland) / Izabela Kalemba - Rec (AGH University of Science and Technology, Cracow, Poland): <b>Surface characterisation of austenitic steel 309 and Inconel coatings after the corrosion in the renewable fuel ashes</b>
18:30	92956	<u>Damian Koclega</u> (AGH University of Science and Technology, Kraków, Poland) / Agnieszka Radziszewska (AGH University of Science and Technology, Kraków, Poland) / Axel Kranzmann (BAM - Federal Institute for Materials Research and Testing, Berlin) / Sławomir Kąc (AGH University of Science and Technology, Kraków, Poland) / Jan Huebner (AGH University of Science and Technology, Kraków, Poland): <b>High temperature corrosion resistance of Inconel 686 coatings in aggressive environments</b>
18:30	91496	<u>Monika Solecka</u> (AGH University of Science and Technology, Krakow, Poland) / Kazimierz Kowalski (AGH University of Science and Technology, Kraków, Poland) / Agnieszka Radziszewska (AGH University of Science and Technology, Kraków, Poland) / Agnieszka Kopia (AGH University of Science and Technology, Kraków, Poland): <b>A study of the passive films formed on Ni-base clad layers after high-temperature corrosion</b>
18:30	86846	<u>Jan Schubert</u> (Vyzkumny a zkusebni ustav Plzen s.r.o., Plzen, Czech Republic) / Zdenek Cesanek (Vyzkumny a zkusebni ustav Plzen s.r.o., Plzen, Czech Republic): <b>Selected HVOF thermally sprayed coatings exposed to high-temperature corrosion</b>
18:30	75836	<u>Fernando Pedraza</u> (Université de La Rochelle, France) / Maxime Brossard (Université de La Rochelle, France) / Baptiste Bouchaud (Université de La Rochelle, France) / Josseline Balmain (Université de La Rochelle, France) / Gilles Bonnet (Université de La Rochelle, France): <b>Comparative oxidation behaviour in water vapour between out-of-pack aluminides and slurry based aluminium-based TBCs on Ni-based superalloys</b>
18:30	75766	<u>Sergey Kuznetsov</u> (Institute of Chemistry, Kola Science Centre RAS, Apatity, Russia): <b>Coatings on the base of refractory metals for high temperature applications</b>

18:30	71956	<u>Zdenek Cesanek</u> (Vyzkumny a zkusebni ustav Plzen s.r.o., Pilsen, Czech Republic) / Jan Schubert (Vyzkumny a zkusebni ustav Plzen s.r.o., Pilsen, Czech Republic) / Sarka Houdkova (Vyzkumny a zkusebni ustav Plzen s.r.o., Pilsen, Czech Republic): <b>Hot corrosion behavior selected thermally sprayed based alloy coatings</b>
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Forum Hall Foyer		Corrosion & Corrosion Protection of Drinking Water Systems
18:30	77762	<u>Georgeanna Kawaley</u> (Mitsubishi Electric R&D Centre Europe BV, Livingston, United Kingdom): <b>Corrosion and scaling in domestic hot water systems</b>

Forum Hall Foyer		Corrosion and Scale Inhibition
18:30	99201	<u>Cecilia Cuevas Arteaga</u> (Universidad Autónoma del Estado de Morelos, Cuernavaca Morelos, Mexico) / Salomón Mejía Sintillo (Universidad Autónoma del Estado de Morelos, Cuernavaca, Morelos, Mexico) / Ma. Guadalupe Valladares Cisneros (Universidad Autónoma del Estado de Morelos, Cuernavaca, Morelos, Mexico) / Rosa Ma. Melgoza Alemán (Universidad Autónoma del Estado de Morelos, Cuernavaca, Morelos, Mexico): <b>Corrosion and Photoelectrochemical Characterization of TiO<sub>2</sub> Nanofilms Exposed in an Aqueous Solution with a pH = 3.2</b>
18:30	98807	<u>Vaqif Abbasov</u> (Institute of Petrochemical processes , Baku, Azerbaijan) / Leylufer Aliyeva (Institute of petrochemical processes, Baku, Azerbaijan) / Vaqif Abbasov (Institute of petrochemical processes, Baku, Azerbaijan) / Aydan Mahizde (Institute of petrochemical processes, Baku, Azerbaijan): <b>Compositions based on alkylamines and nitrated sunflower oil as inhibitor of hydrogen sulfide corrosion</b>
18:30	96122	<u>Olorunfemi Michael Ajayi</u> (The University of Nottingham, United Kingdom) / Katy Voisey (The University of Nottingham, United Kingdom): <b>Corrosion Inhibition of Mild Steel in 15 wt.% HCl Solution by Durum Wheat</b>
18:30	95027	<u>Houaria Derfouf</u> (Bechar University, Bechar, Algeria): <b>Thermodynamic properties of the extract of Hammada Scoparia as a corrosion inhibitor of carbon steel in hydrochloric acid</b>
18:30	93066	<u>Monica Arely Lucio García</u> (Universidad Autónoma de Yucatán, Mérida, Mexico) / J.A. Ávila-Guzmán (Universidad Autónoma de Yucatán, Mérida, Mexico) / A.M. Ramirez-Arteaga (Centro de Investigación en Ingeniería y Ciencias Aplicadas - UAEM, Cuernavaca, Morelos, Mexico) / S- Serna (Centro de Investigación en Ingeniería y Ciencias Aplicadas - UAEM, Cuernavaca, Morelos, Mexico) / Zhelmy Martín-Quintal (Universidad Autónoma de Yucatán , Mérida, Mexico) / José del Carmen Chin Vera (Universidad Autónoma de Yucatán, Mérida, Mexico): <b>A Study of Chrysophyllum Cainito as Green Corrosion Inhibitor for 8011A Aluminum in Sulfuric Acid</b>
18:30	92036	<u>Lutendo Chester Murulana</u> (University of Venda, Thohoyandou, South Africa): <b>Experimental and theoretical studies on the corrosion inhibition of selected metals by some environmentally friendly corrosion inhibitors in HCl</b>
18:30	90816	<u>Chih-Chiang Wang</u> (National Chung Hsing University, Taichung City, Taiwan) / H. C. Shih (Chinese Culture University, Taipei, Taiwan): <b>Electrochemical Assessments of High Entropy Alloys in Aqueous Environments</b>
18:30	90651	Tiago Pinto (VCI Brasil, Bauru, Brazil) / Luiz Araujo (VCI BBrasil, Bauru, Brazil) / Radim Hrdina (University of Pardubice, Czech Republic) / <u>Mario Genovez</u> (VCI Brasil, Bauru, Brazil): Corrosion Protection in Presence of Water: <b>V-active VCI Inhibitor for Hydrojetting Metal Cleaning – Industrial Case</b>
18:30	90626	Radim Hrdina (University of Pardubice, Czech Republic) / <u>Mario Genovez</u> (VCI Brasil, Bauru, Brazil) / Tiago Pinto (VCI Brasil, Bauru, Brazil) / Luiz Araujo (VCI Brasil, Bauru, Brazil): <b>Corrosion Protection in Presence of Water: V-active VCI Inhibitor for Hydrojetting Metal Cleaning – Laboratory Results</b>
18:30	90576	<u>Radim Hrdina</u> (University of Pardubice, Czech Republic) / Ladislav Burgert (University of Pardubice, Czech Republic) / Andrea Kalendová (University of Pardubice, Czech Republic) / Iveta Brožková (University of Pardubice, Czech Republic) / Anna Krejčová (University of Pardubice, Czech Republic) / Petra Bayerová (University of Pardubice, Czech Republic) / Tereza Panchartková (University of Pardubice, Czech Republic) / Tiago Pinto (VCI Brasil, Bauru, Brazil) / Mario Genovez (VCI Brasil, Bauru, Brazil): <b>New derivatives of aspartic acid with anticorrosive and antimicrobial properties</b>
18:30	85071	Tiago Lemos Menezes (Federal University of Rio Grande do Sul (UFRGS), Porto Alegre, Brazil) / Patrícia Marcolin (University of Caxias do Sul (UCS), Caxias do Sul, Brazil) / Lillian Vanessa Rossa Beltrami (Federal University of Rio Grande do Sul (UFRGS), Porto Alegre, Brazil) / Rosiana Boniatti Casagrande (Federal University of Rio Grande do Sul (UFRGS), Porto Alegre, Brazil) / Sandra Raquel Kunst (University of Caxias do Sul (UCS), Caxias do Sul, Brazil) / <u>Jane Zoppas Ferreira</u> (Federal University of Rio Grande do Sul (UFRGS), Porto Alegre, Brazil): <b>Coatings based on nanostructured silanes for corrosion protection in galvanized steel</b>
18:30	84901	Patrícia Marcolin (University of Caxias do Sul (UCS), Caxias do Sul, Brazil) / Mônia Aline Hunger Geiger (University Feevale, Novo Hamburgo, Brazil) / Luciane Tais Fuhr (University Feevale, Novo Hamburgo, Brazil) / Rosiana Boniatti Casagrande (Federal University of Rio Grande do Sul (UFRGS), Porto Alegre, Brazil) / <u>Jane Zoppas Ferreira</u> (Federal University of Rio Grande do Sul (UFRGS), Porto Alegre, Brazil) / Cláudia Trindade Oliveira (University Feevale, Novo Hamburgo, Brazil) / Sandra Raquel Kunst (University of Caxias do Sul (UCS), Caxias do Sul, Brazil): <b>Evaluation of chrome and aluminum coating by sputtering as an alternative to galvanic chrome</b>
18:30	75666	<u>Argyri Moschona</u> (University of Crete, Heraklion, Greece) / Konstantinos Demadis (University of Crete, Heraklion, Greece): <b>Coordination polymers based on variable-length diphosponate linkers as anticorrosion agents</b>

18:30	73657	Shifang Wang (Beijing University of Chemical Technology, Beijing, China PR) / Yu ZUO (Beijing University of Chemical Technology, Beijing, China PR) / Yuming Tang (Beijing University of Chemical Technology, Beijing, China PR) / <u>Xuhui ZHAO</u> (Beijing University of Chemical, Beijing, China PR) / Yuan LU (CNOOC EnerTech-Drilling & Production Co, Tianjin, China PR): <b>Corrosion Inhibition of Antimony Potassium Tartrate for Q235 Carbon Steel in NaCl Solutions</b>
18:30	71751	<u>Nathir Al-Rawashdeh</u> (Jordan University of Science and Technology, Irbid Irbid, Jordan) / Akram Rousan (Jordan University of Science and Technology, Irbid, Jordan) / Inaam Sryheen (Jordan University of Science and Technology, Irbid, Jordan): <b>Magnetic Field Effect on the Inhibition of Aluminum and Iron Corrosion with Surfactants in Acidic Solution</b>

Forum Hall Foyer		Corrosion by Hot Gases
18:30	89901	<u>Alexandra Banu</u> (Politehnica University from Bucharest, Romania) / Ion Trusca (Plasmajet, Bucharest, Romania) / Daniel Ghiculescu (Politehnica University from Bucharest, Romania) / Maria Marcu (Institute of Physical Chemistry "Ilie Murgulescu" of Romanian Academy, Bucharest, Romania) / Alexandru Paraschiv (COMOTI R&D Institute, Bucharest, Romania) / Cristina Juganaru (Politehnica University from Bucharest, Romania): <b>Protective coatings on turbo engine blades from titanium alloys, for service temperature of 850°C</b>
18:30	88976	<u>Rachel Pettersson</u> (Jernkontoret and KTH, Stockholm, Sweden) / Matthew Lawson (Stewart's Melville College, Edinburgh, United Kingdom): <b>Long-term high temperature oxidation performance of stainless steels</b>
18:30	79491	<u>Maria Mosquera Feijoo</u> (BAM - Bundesanstalt für Materialforschung und -prüfung, Berlin) / Jürgen Olbricht (BAM - Bundesanstalt für Materialforschung und -prüfung, Berlin) / Axel Kranzmann (BAM - Bundesanstalt für Materialforschung und -prüfung, Berlin): <b>Thermal-mechanical fatigue of oxide scales in cyclic water vapor oxidation of 9-12 % Cr steels</b>
18:30	79121	<u>Alexander Schmid</u> (Montanistic University Leoben, Vienna, Austria) / Gregor Mori (Montanistic University Leoben, Leoben, Austria) / Roland Haubner (Technical University Vienna, Austria) / Susanne Strobl (Technical University Vienna, Austria) / Stefan Hönig (OMV E&P GmbH, Techcenter & Lab, Gänserndorf, Austria): <b>Comparison of the high temperature chloride induced corrosion between a Duplex steel and a Ni based alloy</b>
18:30	76471	<u>Melanie Montgomery</u> (Technical University of Denmark, Lyngby, Denmark) / Kristian Dahl (Technical University of Denmark, Lyngby, Denmark) / Søren Jensen (DONG Energy, Gentofte, Denmark) / Colin Davies (Uniper Energy, Nottingham, United Kingdom): <b>High temperature fireside corrosion of Esshete 1250 in coal, co-firing with biomass and biomass power plants</b>
18:30	75347	Elodie Conrath (University of Lorraine, Vandoeuvre-lès-Nancy, France) / Thierry Schweitzer (University of Lorraine, Vandoeuvre-lès-Nancy, France) / Lionel Aranda (University of Lorraine, Vandoeuvre-lès-Nancy, France) / Gaël Pierson (University of Lorraine, Vandoeuvre-lès-Nancy, France) / Kevin Duret (University of Lorraine, Vandoeuvre-lès-Nancy, France) / <u>Patrice Berthod</u> (University of Lorraine, Vandoeuvre-lès-Nancy, France): <b>Oxide spallation behaviour of three TaC-containing {Co, Ni, Fe, Cr}-based alloys during post isothermal hot oxidation cooling</b>
18:30	75237	<u>Patrice Berthod</u> (University of Lorraine, Vandoeuvre-lès-Nancy, France) / Thierry Schweitzer (University of Lorraine, Vandoeuvre-lès-Nancy, France) / Lionel Aranda (University of Lorraine, Vandoeuvre-lès-Nancy, France) / Kevin Ginestar (CEA Saclay, DEN- DANS- DPC- SCCME- LECNA, Gif sur Yvette, France) / Sophie Bosonnet (CEA Saclay, DEN- DANS- DPC- SCCME- LECNA, Gif sur Yvette, France) / Mélissa Ritouet (University of Lorraine, Vandoeuvre-lès-Nancy): <b>Behavior of three cast chromium-rich cobalt-based alloys in oxidation at 900°C in a 100% water vapour atmosphere</b>
18:30	75207	<u>Patrice Berthod</u> (Université de Lorraine, Vandoeuvre-lès-Nancy, France) / Floriane Allegre (University of Lorraine, Vandoeuvre-lès-Nancy, France) / Estelle Kretz (University of Lorraine, Vandoeuvre-lès-Nancy, France) / Mélissa Ritouet (Université de Lorraine, Vandoeuvre-lès-Nancy, France) / Thierry Schweitzer (Université de Lorraine, Vandoeuvre-lès-Nancy, France): <b>Oxidation at 1200°C of titanium-containing equi-axed polycrystalline cast nickel-based alloys reinforced by chromium carbides</b>

Forum Hall Foyer		Corrosion Education
18:30	86891	<u>Oluwatoyin Olaseinde</u> (Federal University of Technology, Akure, ONDO-STATE, Nigeria) / Shaibu Lasisi (Federal University of Technology, Akure, Ondo State, Nigeria) / Sunday Aribi (Federal University of Technology, Akure, Ondo State, Nigeria): <b>Electrochemical study of selected materials for renewable energy infrastructures in Nigeria</b>

Forum Hall Foyer		Corrosion fatigue in seawater
18:30	100305	Tianliang Zhao (University of Science and Technology Beijing, Beijing, China PR) / Zhiyong Liu (University of Science and Technology Beijing, Beijing, China PR) / <u>Cuiwei Du</u> (University of Science and Technology Beijing, Beijing, China PR) / Xiaogang Li (University of Science and Technology Beijing, Beijing, China PR): <b>Corrosion fatigue crack initiation and initial propagation mechanism of E690 steel in simulated seawater</b>

Forum Hall Foyer		Corrosion in Aerospace
18:30	92276	<u>Carmen Vladu</u> (CEST Centre of Electrochemical Surface Technology, Wiener Neustadt, Austria) / Christoph Kleber (CEST, Centre of Electrochemical Surface Technology, Wiener Neustadt, Austria): <b>Corrosion protection of metallic surfaces with electrospun nanofibers</b>
18:30	84831	<u>Carla Sofia Proença</u> (Universidade de Lisboa, Portugal) / Jorge P. Correia (Universidade de Lisboa, Portugal) / Eduarda Araújo (Universidade de Lisboa, Portugal) / Ana M. Cabral (ISQ – Instituto de Soldadura e Qualidade, Oeiras, Portugal) / Ana Marisa Pereira (ISQ – Instituto de Soldadura e Qualidade, Oeiras, Portugal) / Lucia Pigliaru (ESTEC-ESA, Noordwijk, Netherlands) / Oladipo Ogunlesi (ESTEC-ESA, Noordwijk, Netherlands): <b>Characterisation and corrosion protection behaviour of a trivalent chromium based pre-treatment on AA2024-T3</b>
18:30	77992	<u>Guo-Jie Jiang</u> (AECC Beijing Institute of Aeronautical Materials, Beijing, China PR): <b>Application Research on TSN-7 Aircraft Water Displacing Corrosion Preventive Compound with Ultra-Thin Film</b>

Forum Hall Foyer		Corrosion in automotive: prediction and prevention
18:30	93007	Wislei Osório (UNICAMP, Limeira, Brazil) / Giovana Padilha (UNICAMP, Limeira, Brazil) / João F. Queiroz Rodrigues (UNICAMP, Limeira, Brazil) / <u>Diego Costa</u> (UNICAMP, Limeira, Brazil) / Ausdinir Bortolozzo (UNICAMP, Limeira, Brazil): <b>Corrosion Behavior of an Al/Si composite in NaCl and Biodiesel media</b>
18:30	92977	Osório Wislei Riuper (University of Campinas, UNICAMP, Brazil, Limeira, SP, Brazil, Brazil) / <u>Giovana Padilha</u> (University of Campinas, Limeira, Brazil) / Diego Costa (University of Campinas, Limeira, Brazil) / João Felipe Queiroz Rodrigues (University of Campinas, UNICAMP, Limeira, Brazil) / Ausdinir Bortolozzo (University of Campinas, UNICAMP, Limeira, Brazil): <b>EIS evaluation of a dilute Al/Si particle composite in biodiesel</b>
18:30	76981	<u>Roland Haubner</u> (TU Wien, Austria) / Strobl Susanne (TU Wien, Austria): <b>Liquid metal embrittlement during hot-forming of advanced high strength steel sheets</b>

Forum Hall Foyer		Corrosion in Oil & Gas Production
18:30	98842	<u>Arash Shadravan</u> (Texas A&M University, USA) / Raymundo Case (Texas A&M University, USA) / Argie Rumann (VODIK, Houston, United States of America): <b>Nanostructured Steel Susceptibility to Sulfide Stress Cracking</b>
18:30	97357	<u>Vitaly Naumenko</u> (Vyksa Steel Works, Vyksa, Russia) / Oleg Bagmet (Vyksa Steel Works, Vyksa, Russia) / Evgeniy Mursenkov (Vyksa Steel Works, Vyksa, Russia) / Dmitry Kudashov (Vyksa Steel Works, Vyksa, Russia): <b>Influence of the microstructure and nonmetallic inclusions on the resistance to HIC in hot-rolled coil for tube, produced by casting and rolling complex</b>
18:30	93872	<u>Walney Araujo</u> (Universidade Federal do Ceará, Fortaleza, Brazil) / Roberta Bastos Vasques (Universidade Federal do Ceará, Fortaleza, Brazil) / Adriana de Oliveira Sousa Leite (Universidade de Fortaleza, Fortaleza, Brazil) / Gustavo Leitão Vaz (Centro de Pesquisa da Petrobrás - CENPES, Rio de Janeiro, Brazil) / Alvaro Augusto Oliveira Magalhães (Centro de Pesquisa da Petrobrás - CENPES, Rio de Janeiro, Brazil): <b>Evaluation of Corrosion Inhibitors for Carbon Steel Systems in a medium containing CO<sub>2</sub> and O<sub>2</sub></b>
18:30	91916	Uttam Nepal (Tribhuvan University, Kathmandu, Nepal) / Keshav Raj Gaire (Tribhuvan University, Kathmandu, Nepal) / <u>Jaqadeesh Bhattarai</u> (Tribhuvan University, Kathmandu, Nepal): <b>Study on the Corrosion Behavior of Aluminum, Copper and Mild Steel in Fossil and Biofuels Used in Nepal</b>
18:30	89961	Yong Li (University of Science and Technology Beijing, China PR) / <u>Zhiyong Li</u> (University of Science and Technology Beijing, China PR) / Cuiwei Du (University of Science and Technology Beijing, China PR) / Xiaogang Li (University of Science and Technology Beijing, China PR): <b>The effect of deformation and temperature on stress corrosion cracking behavior of TP95S tube steel in an acidic gas field environment</b>
18:30	83616	<u>Shohei Takiguchi</u> (Yokohama National University, Yokohama-shi, Kanagawa, Japan) / Shinji Okazaki (Yokohama National University, Yokohama-shi, Kanagawa, Japan) / Naoya Kasai (Yokohama National University, Yokohama-shi, Kanagawa, Japan) / Hiroshi Kihira (Yokohama National University, Yokohama-shi, Kanagawa, Japan) / Toshiyuki Sunaba (INPEX Corporation, Tokyo, Japan) / Susumu Hirano (INPEX Corporation, Tokyo, Japan): <b>Effect of organic acid on corrosion behavior of 13Cr stainless steel in CO<sub>2</sub> contained solution</b>
18:30	78142	<u>Liudmila Tsygankova</u> (Derzhavin State University, Tambov, Russia) / Vladimir Vigdorovich (All-Russian Scientific Research Institute of Use of Machinery and Oil Products, Tambov, Russia) / Natalia Shel (Tambov State Technical University, Tambov, Russia) / Marina Esina (Derzhavin State University, Tambov, Russia) / Alexander Uryadnikov (Derzhavin State University, Tambov, Russia): <b>Universalism of hydrosulphuric and carbon dioxide corrosion inhibitors</b>
18:30	76436	<u>Sung Jin Kim</u> (Suncheon National University, Suncheon, Korea, South) / Jin Ho Park (POSCO, Pohang, Korea, South) / Ho Jong Lee (Suncheon National University, Suncheon, Korea, South): <b>The influence of Cr on the electrochemical corrosion and scale formation behavior of high Mn steel in a sweet environment</b>
18:30	73532	<u>Yang Zhao</u> (Harbin Engineering University, Harbin, China PR) / Junfeng Xie (Petrochina Tarim Oilfield Company, Korla, China PR) / Guanxin Zeng (Petrochina Tarim Oilfield Company, Korla, China PR) / Tao Zhang (Northeastern University, Shenyang, China PR) / Dake Xu (Chinese Academy of Sciences, Shenyang, China PR) / Fuhui Wang (Chinese Academy of Sciences, Shenyang, China PR): <b>Pourbaix diagram for HP-13Cr stainless steel in the extremely aggressive environment characterized by high temperature, high CO<sub>2</sub> pressure and high salinity</b>



18:30	73501	<u>Mehdi Javidj</u> (Shiraz University, Shiraz, Iran) / Benyamin Afshang (Shiraz University, Shiraz, Iran): <b>Inhibition efficiency of asphaltene on H<sub>2</sub>S/CO<sub>2</sub> Corrosion of API 5L X52 Carbon Steel</b>
18:30	72486	<u>Khaled Almuhanna</u> (KUWAIT OIL COMPANY, Ahmadi, Kuwait): <b>Internal Corrosion Direct Assessment for Sour Gas Pipeline-Case Study</b>
18:30	72001	<u>Mohammad Jafar Mazumder</u> (King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia) / L. Goni (King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia) / S. Ali (King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia): <b>Diallylammonium salts containing nitrogen, ethyl ester and sulfide, sulfoxide or sulfone motifs of amino acid residues of methionine polymer as green corrosion inhibitors</b>

Forum Hall Foyer		Corrosion in the Refinery Industry
18:30	95037	Javier Sanabria (Universidad Industrial de Santander, Bucaramanga, Colombia) / Carlos Mejía (Universidad Industrial de Santander, Bucaramanga, Colombia) / Dario Peña (Universidad Industrial de Santander, Bucaramanga, Colombia) / <u>Dionisio Laverde</u> (Universidad Industrial de Santander, Bucaramanga, Colombia): <b>Influence of time and temperature on the corrosion rate of the stainless steel AISI-316 exposed to conditions of a transfer line of crudes oils in gas phase</b>
18:30	90441	<u>Jane Zoppas Ferreira</u> (UFRGS / PPGE3M / LACOR, Porto Alegre RS, Brazil) / Rodrigo Kunrath (UFRGS / PPGE3M / LACOR, Porto Alegre, Brazil) / Felipe Goettens (UFRGS / PPGE3M / LACOR, Porto Alegre, Brazil): <b>Corrosion occurrence in an ethylene production unit</b>
18:30	88091	Mauro Cerra Florez (Universidade Federal do Ceará, Fortaleza, Brazil) / Francisco Da Rocha Filho (Universidade Federal do Ceará, Fortaleza, Brazil) / Marcelo Gomes da Silva (Universidade Federal do Ceará, Fortaleza, Brazil) / <u>Walney Silva Araújo</u> (Universidade Federal do Ceará, Fortaleza, Brazil) / Matheus De Lima Vieira (Universidade Federal do Ceará, Fortaleza, Brazil) / Waydson Martins Ferreira (Universidade Federal do Piauí, Teresina, Brazil): <b>Comparative Study of Corrosion Resistance between High Manganese Steels and 9% Nickel Steel in Aqueous Solutions of NaCl and H<sub>2</sub>SO<sub>4</sub> for Cryogenic Applications</b>
18:30	73321	<u>Olga Kaczerewska</u> (Adam Mickiewicz University in Poznan, Poland) / Bogumil Brycki (Adam Mickiewicz University in Poznan, Poland) / Rafael Leiva-Garcia (University of Manchester, United Kingdom) / Robert Akid (University of Manchester, United Kingdom): <b>Cationic gemini surfactants as corrosion inhibitors of stainless steel (AISI 304) in 3M hydrochloric acid</b>

Forum Hall Foyer		Corrosion Mechanisms, Methods, Modelling and Monitoring
18:30	99365	<u>Bassey Bassey</u> (Coventry University, Coventry, United Kingdom): <b>Asset integrity and profitability enhancement at three process facilities through corrosion prevention, control and management</b>
18:30	99306	<u>Thalia E. Standish</u> (Western University, London, Canada) / Dmitriy Zagidulin (Western University, London, Canada) / Sridhar Ramamurthy (Surface Science Western, London, Canada) / James J. Noël (Western University and Surface Science Western, London, Canada) / David W. Shoesmith (Western University and Surface Science Western, London, Canada): <b>Copper-Coated Carbon Steel: Corrosion at a Through-Coating Defect</b>
18:30	99146	<u>Kjell-Arne Solli</u> (University College of Southeast Norway, Porsgrunn, Norway): <b>Electrochemical corrosivity measurements at elevated temperatures</b>
18:30	99096	<u>Kai Wang</u> (Xi'an Jiaotong University, Xi'an, China PR) / Yueshe Wang (Xi'an Jiaotong University, Xi'an, China PR): <b>Numerical analysis of the evolution of pitting corrosion</b>
18:30	97122	<u>Zohra Halem</u> (University Mentouri, Constantine, Algeria) / Nacer Halem (University Mouloud Mammeri, Tizi Ouzou, Algeria) / Nassima MAHIOUZ (University Mouloud Mammeri, Tizi Ouzou, Algeria) / Georgette Petot Ervas (Research group CNRS/SPMS/ECP/92 Châtenay Malabry & CEA Saclay, Châtenay Malabry, France): <b>Formal approach of transport processes at elevated temperature during the growth of oxide scales on alloys</b>
18:30	96952	<u>Nooshin Mortazavi</u> (Chalmers University of Technology, Hisings Backa, Sweden) / Christine Geers (Chalmers University of Technology, Gothenburg, Sweden) / Jan-Erik Svensson (Chalmers University of Technology, Gothenburg, Sweden) / Lars-Gunnar Johansson (Chalmers University of Technology, Gothenburg, Sweden) / Mats Halvarsson (Chalmers University of Technology, Gothenburg, Sweden): <b>General aspects of FeCrAl alloys nitridation - A microstructural study</b>
18:30	96832	<u>Dusan Majtas</u> (Masaryk University, Brno, Czech Republic) / Petra Macova (Institute of Theoretical and Applied Mechanics AS CR v.v.i., Prague, Czech Republic) / Jiri Prikoda (Masaryk University, Brno, Czech Republic): <b>Corrosion behaviour of iron alloys, does it depend on composition or corrosion environment?</b>
18:30	96537	Luz Adriana Cañas Mendoza (Universidad Pedagógica y Tecnológica de Colombia UPTC, Tunja, Colombia) / Enrique Vera López (Universidad Pedagógica y Tecnológica de Colombia UPTC, Tunja, Colombia) / Yaneth Pineda Triana (Universidad Pedagógica y Tecnológica de Colombia UPTC, Tunja, Colombia) / Sergio Armando Arenas García (Universidad Pedagógica y Tecnológica de Colombia UPTC, Tunja, Colombia) / <u>Guillermo Vargas</u> (Universidad Pedagógica y Tecnológica de Colombia UPTC, Tunja, Colombia): <b>Estudio de resistencia a la corrosión en aire a 850°C, de un acero pulvimetalúrgico AISI 316 con adiciones de Titanio y Molibdeno</b>
18:30	96467	<u>Zdenek Fulin</u> (Research Centre Rez, Plzen, Czech Republic) / Jana Zavitkovska (Research Centre Rez, Plzen, Czech Republic): <b>Investigation of pitting corrosion on T552 and T671 turbine blade steels</b>

18:30	96437	<u>Luz Adriana Cañas Mendoza</u> (Universidad Pedagógica y Tecnológica de Colombia, Tunja, Colombia) / Enrique Vera López (Universidad Pedagógica y Tecnológica de Colombia UPTC, Tunja, Colombia) / Yaneth Pineda Triana (Universidad Pedagógica y Tecnológica de Colombia UPTC, Tunja, Colombia) / Rolando Vargas (Universidad Pedagógica y Tecnológica de Colombia UPTC, Tunja, Colombia) / Guillermo Vargas (Universidad Pedagógica y Tecnológica de Colombia UPTC, Tunja, Colombia): <b>Estudio electroquímico del efecto de adiciones de Titanio y Molibdeno al acero pulvimetalúrgico AISI 316</b>
18:30	96207	<u>Oleg Kozaderov</u> (Voronezh State University, Voronezh, Russia) / Jolanta Swiatowska (Chimie ParisTech, PSL Research University, CNRS, Paris, France) / Diana Dragoe (Institut de Chimie Moléculaire et des Matériaux d'Orsay, Orsay, France) / Polina Volovitch (Chimie ParisTech, PSL Research University, CNRS, Paris, France): <b>Mechanisms of dissolution of Zn-Ni alloy coatings in aqueous chloride solutions</b>
18:30	95337	Guilherme Vacchi (UFSCar, Ribeirão Preto, Brazil) / Athos Plaine (UFSCar, São Carlos, Brazil) / Sebastiao E. Kuri (UFSCar, São Carlos, Brazil) / Nelson G. Alcantara (UFSCar, São Carlos, Brazil) / Jorge dos Santos (HZG, Geesthacht) / Rodrigo Silva (UFSCar, São Carlos, Brazil) / <u>Carlos A. Della Rovere</u> (UFSCar, São Carlos, Brazil): <b>Evaluation of the influence of the "Refill Friction Spot Welding" (RFSW) weld on the AA5754 alloy corrosion properties in the welded joint AA5754 / Ti-6AL-4V</b>
18:30	93997	<u>Anton Klimashin</u> (A.A. Baikov Institute of Metallurgy and Materials Science RAS, Moscow, Russia) / Valery Belousov (A.A. Baikov Institute of Metallurgy and Materials Science RAS, Moscow, Russia): <b>Chain model of oxide melt formed in transverse channels in oxide layer during catastrophic oxidation of copper</b>
18:30	93817	<u>Vasyl Vynar</u> (Karpenko Physico-Mechanical Institute of NASU, Lviv, Ukraine) / Chrystyna Vasylyv (Karpenko Physico-Mechanical Institute of NASU, Lviv, Ukraine) / Taras Voronyak (Karpenko Physico-Mechanical Institute of NASU, Lviv, Ukraine) / Igor Stasyshyn (Karpenko Physico-Mechanical Institute of NASU, Lviv, Ukraine) / Ralf Winkelmann (Brandenburg University of Technology, Senftenberg) / Andriy Pokhmursky (Brandenburg University of Technology, Senftenberg): <b>The influence of electrolytic hydrogenation on changes in the surface layers of materials with ferrite and pearlite structure</b>
18:30	93537	<u>Michaela Novakova</u> (University of West Bohemia, Pilsen, Czech Republic) / Ondrej Chocholatý (University of West Bohemia, Pilsen, Czech Republic) / Antonín Kriz (University of West Bohemia, Pilsen, Czech Republic): <b>The influence of deformation on the corrosion properties of a material</b>
18:30	93347	<u>Thoralf Müller</u> (Bundesanstalt für Materialforschung und -prüfung (BAM), Berlin) / Paul Rosemann (Bundesanstalt für Materialforschung und -prüfung (BAM), Berlin): <b>Influence of the post-weld surface treatment on the corrosion resistance of the duplex stainless steel 1.4062</b>
18:30	93087	<u>Ha-Na Jang</u> (Yonsei University, Wonju, Korea, South) / Hyun-Tae Joung (POSCE E&C, Incheon, Korea, South): <b>Material corrosion troubles on heat recovery section in waste to energy facility</b>
18:30	93062	<u>Osório Wislei Riuper</u> (UNICAMP, Limeira, Brazil) / Luz M. Satizabal (UNICAMP, Limeira, Brazil) / Ausdinir Bortolozzo (UNICAMP, Limeira, Brazil) / Diego Costa (UNICAMP, Limeira, Brazil): <b>Polarization investigation of Sn-Bi and Sn-Ag green casting alloys in NaCl solution</b>
18:30	92986	Yordanka Marcheva (Technical University of Sofia, Sofia, Bulgaria) / <u>Mladenka Loukaycheva</u> (Technical University of Sofia, Bulgaria) / Biliana Dimova (Technical University of Sofia, Bulgaria): <b>Corrosion behaviour of magnesium alloys in sodium chloride solution</b>
18:30	92851	<u>Eva García-Lecina</u> (Surface Engineering Area, Fundación CIDETEC, San Sebastián, Spain) / Larraitz Ganborena (Surface Engineering Area, Fundación CIDETEC, San Sebastián, Spain) / Hans-Jürgen Grande (Surface Engineering Area, Fundación CIDETEC, San Sebastián, Spain) / Jesús Manuel Vega (Surface Engineering Area, Fundación CIDETEC, San Sebastián, Spain): <b>The effect of cupric ions in the corrosion mechanism of Nickel-Chromium multilayer systems</b>
18:30	92546	<u>Lawrence Onyeji</u> (University of Leeds, United Kingdom) / Girish Kale (University of Leeds, United Kingdom): <b>Tafelium determination of the corrosion propensity of branded micro alloyed steels in different 3.5 wt% environments</b>
18:30	91521	<u>Mariana Xavier Milagre</u> (Instituto de Pesquisas Energéticas Nucleares, São Paulo, Brazil) / Caruline de Souza Carvalho Machado (Instituto de Pesquisas Energéticas Nucleares, São Paulo, Brazil) / João Victor Araújo (Instituto de Pesquisas Energéticas Nucleares, São Paulo, Brazil) / Antonello Astarita (Università degli Studi di Napoli Federico II, Napoli, Italy) / Vishnu Mogili (Centro Nacional de Pesquisa em Energia e Materiais, São Paulo, Brazil) / Nadine Pébère (Université de Toulouse, CIRIMAT, UPS/INPT/CNRS, Toulouse, France) / Vincent Vivier (Université Pierre et Marie Curie, Paris, France) / Isolda Costa (Instituto de Pesquisas Energéticas e Nucleares, São Paulo, Brazil): <b>Intergranular corrosion susceptibility of Al-Cu-Li alloys</b>
18:30	90881	<u>Svetlana Kaluzhina</u> (Voronezh State University, Voronezh, Russia) / Tatiana Minakova (Voronezh State University, Voronezh, Russia): <b>Electrochemical behavior of aluminum in borate buffer solution under action of bromide-ions additives</b>
18:30	90791	Zhijun Zheng (South China University of Technology, Guangzhou, China PR) / Yan Gao (South China University of Technology, Guangzhou, China PR): <b>Effects of the grain size distribution on corrosion behavior of the 304 stainless steel in 0.5 M H<sub>2</sub>SO<sub>4</sub> solution</b>
18:30	89721	<u>Rodrigo Silva</u> (Federal University of São Carlos, Brazil) / Della Rovere Carlos Alberto (g, Federal University of São Carlos, Brazil) / Sverzut Baroni Luis Felipe (Federal University of São Carlos, Brazil) / Arana Camila (Federal University of São Carlos, Brazil) / Rosato Marília (Federal University of São Carlos, Brazil) / Sordi Vitor Luiz (Federal University of São Carlos, Brazil): <b>Characterization of the oxidation behavior of two Fe-14Mn-5Si-9Cr-5Ni and Fe-14Mn-4Si-9Cr-5Ni-0.05Ce stainless steel alloys with shape memory effect</b>

18:30	89701	<u>MohammadReza Khanzadeh Gharah Shiran</u> (Islamic Azad University, Majlesi Branch, Isfahan, Iran) / Mohammad Razazi (Majlesi Branch, Islamic azad university, Isfahan, Iran) / <sup>5</sup> Ali Tavira (Majlesi Branch, Islamic azad University, Isfahan, Iran): <b>Evaluation of welding parameter's effects on corrosion behavior of bronze-carbon steel dual-layer explosion welded joint at salt environment</b>
18:30	89656	<u>Lucia Pigliaru</u> (ESA, Noordwijk, Netherlands) / Claudia Allegranza (ESA, Noordwijk, Netherlands) / Adrian Graham (ESA, Noordwijk, Netherlands) / Tommaso Ghidini (ESA, Noordwijk, Netherlands): <b>Long Term Storage Issues for NdFeB magnets</b>
18:30	89181	Matthias Dimper (BAM - Bundesanstalt für Materialforschung und -prüfung, Berlin) / <u>Marco Hampel</u> (BAM - Bundesanstalt für Materialforschung und -prüfung, Berlin) / Ozlem Ozcan (BAM - Bundesanstalt für Materialforschung und -prüfung, Berlin): <b>Multielectrode array probes for early detection of corrosion processes</b>
18:30	89121	<u>Wu Kai</u> (National Taiwan Ocean University, Keelung, Taiwan) / Feng Chih Chien (National Taiwan Ocean University, Keelung, Taiwan) / Ting-En Wang (Institute of Materials Engineering, National Taiwan Ocean University, Keelung, Taiwan) / Zhen-Yang Liao (National Taiwan Ocean University, Keelung, Taiwan) / Fu-Pen Cheng (National Taiwan Ocean University, Keelung, Taiwan) / Ji-Jung Kai (The City University of Hong Kong, China PR): <b>High-temperature air-oxidation of FeNiCrAl-based multicomponent alloys at 800 – 1000°C</b>
18:30	88381	<u>Luiza Esteves</u> (UFMG, Belo Horizonte, Brazil) / Wagner R. C. Campos (CDTN, Belo Horizonte, Brazil) / Mônica Maria Abreu Mendonça Schwartzman (PUC, Belo Horizonte, Brazil) / Vanessa F. C. Lins (UFMG, Belo Horizonte, Brazil): <b>High-Temperature and High-Pressure Corrosion Behavior of Duplex Stainless Steel in White Liquor from Brazilian Paper and Pulp Mill</b>
18:30	88276	<u>Xianzong Wang</u> (University of Alberta, Edmonton, Canada) / Jingli Luo (University of Alberta, Edmonton, Canada): <b>Effects of hydrogen and stress on anodic dissolution of 304 stainless steel in simulated anode environment of polymer electrolyte membrane fuel cell</b>
18:30	87491	<u>Michael Nicoli</u> (Università degli Studi di Milano, Italy) / Monica Trueba (Università degli Studi di Milano, Italy) / Stefano P. Trasatti (Università degli Studi di Milano, Italy) / Maria Pia Casaletto (Consiglio Nazionale delle Ricerche (CNR), Palermo, Italy) / Francois Grosjean (IFP Energies nouvelles (IFPEN), Lyon, France) / Jean Kittel (IFP Energies nouvelles (IFPEN), Lyon, France) / Francois Ropital (IFP Energies nouvelles (IFPEN), Lyon, France): <b>Intergranular corrosion susceptibility of Al-Cu-Li alloys</b>
18:30	86781	<u>Gabriel Samson</u> (LMDC INSAT/UPS Génie Civil, Toulouse, France) / Fabrice Deby (LMDC INSAT/UPS Génie Civil, Arles, France) / Marine Bayle (A-CORROS Expertise, Arles, France) / Jean-Bernard Memet (A-CORROS Expertise, Arles, France) / Sébastien Bergerot (A-CORROS Expertise, Arles, France): <b>Adapting the DIAMOND corrosion rate measurement device for immersed and buried metallic structures</b>
18:30	86371	<u>Annamaria Viceré</u> (Università Politecnica delle Marche, Ancona, Italy) / Tiziano Bellezze (Università Politecnica delle Marche, Ancona, Italy) / Eleonora Santecchia (Università Politecnica delle Marche, Ancona, Italy) / Marcello Cabibbo (Università Politecnica delle Marche, Ancona, Italy) / Gabriella Roventi (Università Politecnica delle Marche, Ancona, Italy): <b>Corrosion behaviour of ultrafine-grained AA6012 alloy processed by equal-channel angular pressing</b>
18:30	85661	<u>Arnulf Hörtnagl</u> (HTWG Konstanz, Konstanz) / Matthias Sorg (WITg – Institute for Materials System Technology Thurgau, Tägerwilen, Switzerland) / Paul Gümpel (HTWG Konstanz, Konstanz): <b>Corrosion resistance and impact strength effected by wall thickness of powder metallurgical S2205 duplex stainless steel</b>
18:30	85211	<u>Marta Prado</u> (Fundacion ITMA, Avilés, Spain) / Olga Conejero (Fundacion ITMA, Aviles, Spain) / Jaime Rubio (Fundacion ITMA, Aviles, Spain): <b>Development of an electrochemical method to assess the corrosion of underground structures</b>
18:30	84511	<u>Jakub Krejci</u> (UJP PRAHA, a.s.; Czech Technical University in Prague, Czech Republic) / <u>František Manoch</u> (UJP PRAHA, a.s., Prague, Czech Republic) / Věra Vrtílková (UJP PRAHA, a.s., Prague, Czech Republic) / Lydie Červenková (UNIPETROL RPA, s.r.o., Litvínov, Czech Republic): <b>Oxygen Evaluation methodology for Nuclear Reactor Fuel Cladding after LOCA transient</b>
18:30	83386	<u>Yuta Shimada</u> (Shibaura Institute of Technology, Tokyo, Japan) / Mika Tsunakawa (Shibaura Institute of Technology, Tokyo, Japan) / Kae Nakamura (Shibaura Institute of Technology, Tokyo, Japan) / Takahiro Ishizaki (Shibaura Institute of Technology, Tokyo, Japan): <b>Influence of Ca-addition amount on corrosion behavior of Ca-added Mg alloys</b>
18:30	82781	<u>Halina Krawiec</u> (AGH University of Science and Technology, Krakow, Poland) / Vincent Vignal (CNRS - Univ Bourgogne Franche Comté, Dijon, France) / Michał Latkiewicz (AGH University of Science and Technology, Krakow, Poland): <b>Structure, mechanical properties and corrosion behaviour of electrodeposited Co-Mo/TiO<sub>2</sub> nano-composite coatings</b>
18:30	78931	<u>Angelja K. Surca</u> (National Institute of Chemistry, Ljubljana, Slovenia) / Mirjana Rodošek (National Institute of Chemistry, Ljubljana, Slovenia) / Ahmed Kreta (National Institute of Chemistry, Ljubljana, Slovenia) / Mohor Mihelčič (National Institute of Chemistry, Ljubljana, Slovenia): <b>Application of ex situ IR reflection-absorption, in situ Raman and in situ electrochemical AFM in the study of sol-gel protective coatings</b>
18:30	78012	<u>Peng Qi</u> (Institute of Oceanology, Chinese Academy of Sciences, Qingdao, China PR) / Dun Zhang (Institute of Oceanology, Chinese Academy of Sciences, Qingdao, China PR) / Yi Wan (Institute of Oceanology, Chinese Academy of Sciences, Qingdao, China PR): <b>A sulfate-reducing bacteria detection method based on the photocatalytic property of microbial synthesized ZnS nanoparticles</b>
18:30	76116	<u>Jun-xi Zhang</u> (Shanghai University of Electric Power, Shanghai, China PR): <b>Study on the corrosion behavior of metal exposed under the electric field in the atmospheric environment</b>

18:30	76006	<u>Sergey Sinebryukhov</u> (Institute of Chemistry Far Eastern Branch Russian Academy of Sciences, Vladivostok, Russia) / <u>Sergey Gnedenkov</u> (Institute of Chemistry Far Eastern Branch Russian Academy of Sciences, Vladivostok, Russia) / <u>Vladimir Egorkin</u> (Institute of Chemistry Far East Branch Russian Academy of Sciences, Vladivostok, Russia) / <u>Igor Vyaliy</u> (Institute of Chemistry Far East Branch Russian Academy of Sciences, Vladivostok, Russia): <b>Corrosion inhibitive properties of the hydrophobic coatings on PEO-pretreated aluminum alloy</b>
18:30	75786	<u>Padmapriya Nataraj</u> (Bournemouth University, Poole, United Kingdom) / <u>Mayank Anand</u> (Daido Metal Co. Ltd. – The European Technical Centre (UK), Ilminster, United Kingdom) / <u>Mark Hadfield</u> (Bournemouth University, Poole, United Kingdom) / <u>Yi Zhang</u> (Daido Metal Co. Ltd. – The European Technical Centre (UK), Ilminster, United Kingdom) / <u>Rizwan Bajwa</u> (Daido Metal Co. Ltd. – The European Technical Centre (UK), Ilminster, United Kingdom): <b>Comparison of corrosion behavior of lead-based and lead-free coatings and substrates for internal combustion engine applications</b>
18:30	74917	<u>Mehdi Akbari</u> (Amirkabir University of Technology, Tehran, Iran., Tehran, Iran) / <u>MohammadReza Khanzadeh GharahShiran</u> (Islamic Azad University, Isfahan, Iran) / <u>Hamid Bakhtiari</u> (Islamic Azad University Najafabad Branch, NajafAbad, Iran): <b>Corrosion behavior evaluation of friction stir welded 6063 aluminum alloy's joint</b>
18:30	74747	<u>Boleslav Eremias</u> (SVUOM Ltd., Prague, Czech Republic) / <u>Lubomir Mindos</u> (SVUOM Ltd., Prague, Czech Republic) / <u>Libor Turek</u> (SVUOM Ltd., Prague, Czech Republic) / <u>Libuse Hochmannova</u> (SYNPO Inc., Pardubice, Czech Republic): <b>The application of ENA and physico-mechanical tests for evaluation of the protective performance of ZRP modified by combination of Zn dust with carbon type fillers</b>
18:30	72586	<u>Sarah Ulaeto</u> (CSIR-NIIST, Trivandrum, India) / <u>Ramya Rajan</u> (CSIR-NIIST, Trivandrum, India) / <u>Jerin Pancreacious</u> (CSIR-NIIST, Trivandrum, India) / <u>Rajan T. P. D.</u> (CSIR-NIIST, Trivandrum, India) / <u>Pai B. C.</u> (CSIR-NIIST, Trivandrum, India): <b>Electrochemical behavior and corrosion inhibiting effects of green nanosilver modified epoxy coatings</b>
18:30	72282	<u>Ivan Cole</u> (RMIT University, Melbourne, Australia) / <u>Fiona Chen</u> (CSIRO Manufacturing, Melbourne, Australia) / <u>Michael Breedon</u> (CSIRO Manufacturing, Melbourne, Australia) / <u>Clement Chu</u> (CSIRO Manufacturing, Melbourne, Australia) / <u>Erik Sapper</u> (California Polytechnic State University, San Luis Obispo, USA) / <u>David Jackson</u> (Boeing Research & Technology, Huntsville, USA): <b>Computational design of coating systems: A framework for multiscale modelling</b>
18:30	71891	<u>Aytac Yilmaz</u> (Delft University of Technology, Netherlands) / <u>Jilt Sietsma</u> (Delft University of Technology, Netherlands) / <u>Yaiza Gonzalez-Garcia</u> (Delft University of Technology, Netherlands): <b>The effect of microstructure on localised corrosion of high strength steel (MICROCORR)</b>
18:30	71831	<u>Hongbo Liu</u> (Instituto Mexicano del Petroleo, Mexico, Mexico) / <u>Rossana Vai</u> (Instituto Mexicano del Petroleo, Mexico, Mexico) / <u>Luis Manuel Quej Ake</u> (Instituto Mexicano del Petroleo, Mexico, Mexico) / <u>Antonio Contreras Cuevas</u> (Instituto Mexicano del Petroleo, Mexico, Mexico) / <u>Jorge Luis Alamilla Lopez</u> (Instituto Mexicano del Petroleo, Mexico, Mexico) / <u>Eliceo Sosa Hernandez</u> (Instituto Mexicano del Petroleo, Mexico, Mexico): <b>A numerical corrosion rate prediction method for direct assessment of oil pipeline</b>

Forum Hall Foyer		Corrosion of Archaeological and Historical Artefacts
18:30	98517	<u>Petra Witoszková</u> (Museum of Central Bohemia in Roztoky u Prahy, Czech Republic) / <u>David Daněček</u> (Museum of Central Bohemia in Roztoky u Prahy, Czech Republic) / <u>Barbora Urbanová</u> (Museum of Central Bohemia in Roztoky u Prahy, Czech Republic) / <u>Šárka Msallamová</u> (University of Chemistry and Technology, Prague, Czech Republic): <b>The unique find of amphoras from the area of Praha-západ</b>
18:30	96352	<u>Viktor Palíšek</u> (National Technical Museum, Prague, Czech Republic) / <u>Eva Svobodová</u> (National technical Museum, Prague, Czech Republic): <b>Restoration of the Tower Clockwork</b>
18:30	93462	<u>Shaiiba Khadir</u> (Research Center for Conservation of Cultural Relics, Tehran, Iran) / <u>Parastou Naeimi Taraei</u> (Research Center for Conservation of Cultural Relics, Tehran, Iran) / <u>Mohsen Saremi</u> (University of Tehran, Iran) / <u>Mohammad Lamehi Rachti</u> (Nuclear Science and Technology research Institute, Tehran, Iran) / <u>Davood Agha Aligol</u> (Nuclear Science and Technology research Institute, Tehran, Iran): <b>Corrosion behavior study of bronze objects of Parthian historical period by note on tin segregation phenomena</b>
18:30	88066	<u>Janette Ortiz Corona</u> (Facultad de Química/UNAM, México, Mexico) / <u>Araceli Espinoza Vazquez</u> (Facultad de Química/UNAM, México, Mexico) / <u>José Luis Ruvalcava Sil</u> (2Instituto de Física, LANCIC/UNAM, México, Mexico) / <u>Francisco Javier Rodríguez Gómez</u> (Facultad de Química/UNAM, México, Mexico): <b>Evaluation of Natural Origin Inhibitors in the Tarnish of Silver for their Conservation</b>
18:30	88046	<u>Janette Ortiz Corona</u> (Facultad de Química/UNAM, México, Mexico) / <u>Jorge Antonio Gonzalez Sanchez</u> (Centre for Corrosion Research/Autonomous University of Campeche, Campeche, Mexico) / <u>Francisco Javier Rodríguez Gómez</u> (Facultad de Química/UNAM, México, Mexico): <b>Identification of the silver tarnish layer constituents by cathodic reduction</b>

Forum Hall Foyer		Corrosion of Biomaterials
18:30	99780	<u>Petre-Flaviu Gostin</u> (University of Birmingham, United Kingdom) / <u>Y. Zhang</u> (University of Birmingham, United Kingdom) / <u>A. Cook</u> (University of Birmingham, United Kingdom) / <u>A. Morell</u> (Aston University, Birmingham, United Kingdom) / <u>A. Liens</u> (INSA Lyon MATEIS, CNRS, Villeurbanne, France) / <u>K. Ignatyev</u> (Diamond Light Source, Oxfordshire, United Kingdom) / <u>M. Stoica</u> (ETH Zurich, Switzerland): <b>Characterisation of corrosion products of a Ti-based metallic glass in artificial pits by in situ synchrotron X-ray diffraction</b>

18:30	99246	<u>Javier F. Duran Calvo</u> (Universidad de Costa Rica & CELEQ, San José, Costa Rica) / Ana L. Alvarado Gámez (Universidad de Costa Rica & CELEQ, San José, Costa Rica) / Federico Murillo Alvarado (Universidad de Costa Rica, San José, Costa Rica) / Erika Alfaro Mayorga (Universidad de Costa Rica, San José, Costa Rica) / Mario Molina Porras (Universidad de Costa Rica, San José, Costa Rica) / Andrea Soto Navarro (Universidad de Costa Rica, San José, Costa Rica): <b>Electrochemical characterization and evaluation of corrosion in the system consisting of prefabricated titanium posts, cement interface and Ni/Cr and Co/Cr alloys in dental implants</b>
18:30	95122	<u>Dóra Károly</u> (Budapest University of Technology and Economics, Budapest, Hungary) / Lilla Asztalos (Budapest University of Technology and Economics, Budapest, Hungary) / Éva Fazekas (Bay Zoltán Nonprofit Ltd. for Applied Research, Budapest, Hungary): <b>Corrosion behaviour of coronary artery stents</b>
18:30	93767	Miriám Kupkova (Slovak Academy of Science, Kosice, Slovakia) / <u>Maros Halama</u> (Technical University of Kosice, Slovakia) / Andrea Morovska-Turonova (Pavol Jozef Safarik University in Kosice, Slovakia): <b>Corrosion of Sintered Iron-Manganese Alloys in Hanks Solution</b>
18:30	93116	<u>Josef Hlinka</u> (VSB-Technical University of Ostrava, Czech Republic) / Stanislav Lasek (VSB-Technical University of Ostrava, Czech Republic) / Nadimul Faisal (Robert Gordon University, Aberdeen, United Kingdom): <b>Corrosion Properties of Anodized Titanium</b>
18:30	80021	<u>Christine Schille</u> (Universitätsklinikum Tübingen, Tübingen, Germany) / Ernst Schweizer (Universitätsklinikum Tübingen, Tübingen, Germany) / Jürgen Geis-Gerstorfer (Universitätsklinikum Tübingen, Tübingen, Germany): <b>Determination of the pitting potential by potentiostatic measurements according to Broli with the dental CoCr alloy Ankatit U in two different electrolytes</b>
18:30	72951	<u>Silvia Farina</u> (Comisión Nacional de Energía Atómica, Buenos Aires, Argentina) / Lina Franco Arias (Instituto de Física del Plasma, CONICET-UBA, Buenos Aires, Argentina) / Adriana Márquez (Instituto de Física del Plasma, CONICET-UBA, Buenos Aires, Argentina): <b>Corrosion susceptibility of 316L stainless steel coated with titanium/titanium oxide to be used as biomaterial</b>

Forum Hall Foyer		Corrosion of Polymers and Advanced Materials
18:30	98917	<u>Xingyue Yong</u> (Beijing University of Chemical Technology, Beijing, China PR) / Tong Wan (Beijing University of Chemical Technology, Beijing, China PR): <b>Relationship of electrochemical parameters to the penetrating depth at the early penetrating stage of corrosive media in organic coating</b>
18:30	97872	<u>Peter Guttmann</u> (Montanuniversitaet Leoben, Austria) / Florian Oesterreicher (Montanuniversitaet Leoben, Austria) / Gerald Pilz (Montanuniversitaet Leoben, Austria): <b>Small load creep testing system for polymeric foam materials in liquid media</b>
18:30	95367	<u>Mohammed Bencheikh</u> (Military Polytechnic school, Algiers, Algeria) / Hafsaoui Said Lotfi (Military Polytechnic School, Algiers, Algeria) / Khimeche Kamel (Military Polytechnic School, Algiers, Algeria) / Abbas Tcharkhtchi (ENSAM/PARITECH, Paris, France): <b>Degradation of biopolymers on marine environment</b>
18:30	79001	<u>Anna Merz</u> (Max-Planck Institut für Eisenforschung, Düsseldorf) / Michael Rohwerder (Max-Planck Institut für Eisenforschung, Düsseldorf): <b>Corrosion protection by composite coatings containing conducting polymer particles: elucidation of the "protection zone"</b>
18:30	76936	<u>Dorina Kovács</u> (Budapest University of Technology and Economics, Budapest, Hungary) / Éva Fazakas (Bay Zoltán Nonprofit Ltd. for applied research, Budapest, Hungary) / János Dobránszky (MTA-BME Research Group for Composite Science and Technology, Budapest, Hungary): <b>Corrosion properties of plasma nitrided stainless steels</b>

Forum Hall Foyer		Corrosion of Steel in Concrete
18:30	93307	<u>Vesna Alar</u> (University of Zagreb, Croatia) / Gordana Pustaj (University of Zagreb, Croatia) / Frankica Kapor (University of Zagreb, Croatia): <b>Corrosion properties of Zn and Cu in bentonite</b>
18:30	93056	<u>Abongile Nyokana</u> (University of the Witwatersrand, Gauteng, South Africa): <b>Effect of concrete quality and cover depth on the efficiency of impressed anodic current to induce corrosion of steel in concrete</b>
18:30	88931	<u>Luis Felipe Sverzut Baroni</u> (UFSCar, São Carlos, Brazil) / Rodrigo Silva (UFSCar, São Carlos, Brazil) / Carlos Alberto Della Rovere (UFSCar, São Carlos, Brazil) / Vitor Luiz Sordi (Professor, Sao Carlos, Brazil): <b>Influence of Ce in the corrosion properties of iron based shape memory alloys</b>
18:30	88776	<u>Radka Novakova</u> (University of Chemistry and Technology, Prague, Czech Republic) / Milan Kouril (University of Chemistry and Technology, Prague, Czech Republic) / Jan Stoullil (University of Chemistry and Technology, Prague, Czech Republic) / Daniel Dobias (Czech Technical University, Prague, Czech Republic) / Petr Pokorny (Czech Technical University, Prague, Czech Republic): <b>Permeability study of corrosion stimulators in high performance concrete by means of high frequency electrochemical impedance spectroscopy</b>
18:30	86461	<u>Steffi Reinemann</u> (Bundesanstalt für Material- forschung und -prüfung (BAM), Berlin, Germany) / Petr Hlaváček (BAM, Berlin, Germany) / Gino Ebell (BAM, Berlin, Germany) / Gregor Gluth (BAM, Berlin, Germany) / Jürgen Mietz (BAM, Berlin, Germany): <b>Electrochemical investigations of carbon steel reinforcement and galvanized steel reinforcement in fresh geopolymer mortars</b>
18:30	85306	<u>Kohei Eguchi</u> (Tokyo University of Science, Noda, Japan) / Yoshitaka Kato (Tokyo University of Science, Noda, Japan): <b>Effects of chloride ions and hydroxide ions on corrosion of steel bar in hardened cement composites</b>

18:30	80881	<u>Sarka Msallamova</u> (University of Chemistry and Technology, Prague, Czech Republic) / <u>Tomas Lovasi</u> (University of Chemistry and Technology, Prague, Czech Republic) / <u>Milan Kouril</u> (University of Chemistry and Technology, Prague, Czech Republic) / <u>Tereza Jamborova</u> (University of Chemistry and Technology, Prague, Czech Republic) / <u>Jan Stoullil</u> (University of Chemistry and Technology, Prague, Czech Republic) / <u>Jiri Nemecek</u> (Czech Technical University, Prague, Czech Republic) / <u>Rostislav Sulc</u> (Czech Technical University, Prague, Czech Republic): <b>Stability and migration ability of cathionic corrosion inhibitors for protection of steel in chloride contaminated concrete</b>
18:30	80676	<u>Tomas Lovasi</u> (University of Chemistry and Technology, Prague, Czech Republic) / <u>Milan Kouril</u> (University of Chemistry and Technology, Prague, Czech Republic) / <u>Tereza Jamborova</u> (University of Chemistry and Technology, Prague, Czech Republic) / <u>Jan Stoullil</u> (University of Chemistry and Technology, Prague, Czech Republic) / <u>Sarka Msallamova</u> (University of Chemistry and Technology, Prague, Czech Republic): <b>Cathionic corrosion inhibitors for protection of steel in chloride containing concrete pore solution</b>
18:30	74407	<u>Gustavo Duffo</u> (Comision Nacional de Energía Atómica, Univ. Nac. de San Martín, Buenos Aires, Argentina) / <u>Damián Vázquez</u> (Comision Nacional de Energía Atómica, Univ. Nac. de San Martín, Buenos Aires, Argentina) / <u>Enzo Gómez</u> (Comisión Nacional de Energía Atómica, Univ. Nac. de San Martín, Buenos Aires, Argentina): <b>Electrical resistivity and oxygen flow in the corrosion of steel embedded in mortar</b>
18:30	73457	<u>Gustavo Duffo</u> (Comisión Nacional de Energía Atómica, Univ. Nac. de San Martín, Buenos Aires, Argentina) / <u>Silvia Farina</u> (Comisión Nacional de Energía Atómica, Univ. Nac. de San Martín, Buenos Aires, Argentina): <b>Effect of the sulphate content on the corrosion of reinforcing steel in simulated concrete pore solutions</b>
18:30	73156	<u>Svitlana Holovei</u> (Karpenko Physico-Mechanical Institute of the National Academy of Sciences of, Lviv, Ukraine) / <u>Myroslav Khoma</u> (Karpenko Physico-Mechanical Institute of the National Academy of Sciences of Ukraine, Lviv, Ukraine) / <u>Vasyl Ivashkiv</u> (Karpenko Physico-Mechanical Institute of the National Academy of Sciences of Ukraine, Lviv, Ukraine): <b>Electrode reactions on glassgraphite electrode and armco-iron in alkaline and sulfid containing mediums</b>

Forum Hall Foyer		Corrosion reliability of Electronic Materials and Devices
18:30	98957	<u>Liao Bokai</u> (Huazhong University of Science and Technology Wuhan, China PR) / <u>Shuai Hu</u> (Huazhong University of Science and Technology Wuhan, China PR) / <u>Lisha Wei</u> (Huazhong University of Science and Technology Wuhan, China PR) / <u>Hongyu Cen</u> (Huazhong University of Science and Technology Wuhan, China PR) / <u>Zhenyu Chen</u> (Huazhong University of Science and Technology Wuhan, China PR) / <u>Xingpeng Guo</u> (Huazhong University of Science and Technology Wuhan, China PR): <b>Effect of solder flux residue weak organic acids on electrochemical migration of tin in thin electrolyte layer</b>
18:30	98245	<u>Feng Li</u> (Technical University of Denmark, Lyngby, Denmark) / <u>Vadimas Verdingovas</u> (Technical University of Denmark, Lyngby, Denmark) / <u>Bálint Medgyes</u> (Budapest University of Technology and Economics, Budapest, Hungary) / <u>Rajan Ambat</u> (Technical University of Denmark, Lyngby, Denmark): <b>Corrosion reliability of lead-free solder systems used in electronics</b>
18:30	96797	<u>Dusan Majtas</u> (Masaryk University, Brno, Czech Republic) / <u>Katerina Kreislova</u> (SVUOM Ltd., Prague, Czech Republic) / <u>Libor Turek</u> (SVUOM Ltd., Prague, Czech Republic): <b>Failure of electric devices due to H<sub>2</sub>S</b>
18:30	86311	<u>Abhijeet Yadav</u> (Technical University of Denmark, Lyngby, Denmark) / <u>Shruti Borgaonkar</u> (Technical University of Denmark, Lyngby, Denmark) / <u>Kamila Piotrowska</u> (Technical University of Denmark, Lyngby, Denmark) / <u>Morten Stendahl Jellesen</u> (Technical University of Denmark, Lyngby, Denmark) / <u>Rajan Ambat</u> (Technical University of Denmark, Lyngby, Denmark): <b>The effect of reflow solder paste on corrosion reliability in electronics under humid conditions</b>

Forum Hall Foyer		Environment Sensitive Fracture
18:30	92811	<u>Vaclav Seifl</u> (University of Chemistry and Technology, Prague, Czech Republic) / <u>Tomas Petrek</u> (University of Chemistry and Technology, Prague, Czech Republic) / <u>Darya Novikova</u> (University of Chemistry and Technology, Prague, Czech Republic) / <u>Hubert Duchaczek</u> (voestalpine Stahl GmbH, Linz, Austria) / <u>Andreas Muhr</u> (voestalpine Stahl GmbH, Linz, Austria) / <u>Gerald Luckeneder</u> (voestalpine Stahl GmbH, Linz, Austria) / <u>Tomas Prosek</u> (University of Chemistry and Technology, Prague, Czech Republic): <b>Comparison of methods for measurements of hydrogen content and permeability in high strength steels</b>
18:30	87191	<u>Yuriy Yagodzinsky</u> (Aalto University School of Engineering, Espoo, Finland) / <u>Joonas Kähkönen</u> (Aalto University School of Engineering, Espoo, Finland) / <u>Suvi Papula</u> (Aalto University School of Engineering, Espoo, Finland) / <u>Hannu Hänninen</u> (Aalto University School of Engineering, Espoo, Finland): <b>Role of hydrogen in sensitivity to SCC of advanced high strength steels in 5 % NaCl environment</b>
18:30	76051	<u>Bo Kan</u> (University of Science and Technology Beijing, China PR) / <u>Jinxu Li</u> (University of Science and Technology Beijing, China PR): <b>Hydrogen redistribution under stress-induced diffusion and corresponding fracture behavior of structural steel</b>

Forum Hall Foyer		Failure Analysis and Lifetime Prediction
18:30	97317	<u>Petr Palarczyk</u> (University of Chemistry and Technology, Prague, Czech Republic): <b>Corrosion monitoring of key components in circuits of conventional powerplants</b>
18:30	94947	<u>Amir Farzaneh</u> (Islamic Azad University, Karaj, Iran): <b>A pipeline failures analysis in the oil industries in the Khuzestan area of Iran</b>

Forum Hall Foyer		Impact of testing conditions on cracking mechanisms under hydrogen charging
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18:30	73131	<u>Eun Ju Song</u> (Korea Research Institute of Standards and Science, Daejeon, Korea, South) / <u>Un Bong Baek</u> (Korea Research Institute of Standards and Science, Daejeon, Korea, South) / <u>Seung-Wook Baek</u> (Korea Research Institute of Standards and Science, Daejeon, Korea, South) / <u>Seung Hoon Nahm</u> (Korea Research Institute of Standards and Science, Daejeon, Korea, South): <b>Notched-tensile properties under gaseous hydrogen</b>
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<b>Forum Hall Foyer</b>		<b>JS in memory of Prof. Francesco Mazza</b>
18:30	87086	<u>Stefano Caporali</u> (University of Florence, Firenze, Italy) / <u>Ugo Bardi</u> (Università di Firenze, sesto Fiorentino, Italy): <b>New Bi-based low melting alloys for accessory industry; a corrosion and mechanical investigation</b>

<b>Forum Hall Foyer</b>		<b>Marine Corrosion</b>
18:30	94882	<u>Roberto Stifanese</u> (CNR - Italian National Research Council - ISMAR Genoa, Genoa, Italy) / <u>Paola Letardi</u> (CNR - Italian National Research Council - ISMAR Genoa, Genoa, Italy) / <u>Pierluigi Traverso</u> (CNR - Italian National Research Council - ISMAR Genoa, Genoa, Italy): <b>GEMS – Genoa Experimental Marine Station: a tool for research activity and technology transfer</b>
18:30	92921	<u>Adolfo Kalergis Viana</u> (Aperam South America, Timóteo, Brazil) / <u>Genaro Zanon</u> (Petrobras, Rio de Janeiro, Brazil) / <u>Marcelo Schultz</u> (Petrobras, Rio de Janeiro, Brazil) / <u>Lucio Bailo</u> (Aperam South America, São Paulo, Brazil) / <u>Claudio Alcântara</u> (Aperam South America, Timóteo, Brazil) / <u>Ronilson Monteiro</u> (Aperam South America, Timóteo, Brazil): <b>Stainless steels atmospheric corrosion assessment on oil platform</b>
18:30	91771	<u>Cecilia Cuevas Arteaga</u> (Universidad Autónoma del, Cuernavaca Morelos, Mexico) / <u>Diego Mendoza Morales</u> (Universidad Autónoma del Estado de Morelos, Cuernavaca, Mexico): <b>Comparison of corrosion performance of AISI-304 and A36 metallic materials exposed in Synthetic Seawater at two different temperatures</b>
18:30	89256	<u>Dun Zhang</u> (Institute of oceanology, Chinese Academy of Sciences, Qingdao): <b>Slippery liquid-infused porous surfaces fabricated on aluminum as a barrier to corrosion induced by sulfate reducing bacteria</b>
18:30	86911	<u>Matthias Sorg</u> (Institut für Werkstoffsystemtechnik Thurgau an der Hochschule Konstanz (WITg), Tägerwilen, Switzerland) / <u>Arnulf Hörtnagl</u> (Institut für Werkstoffsystemtechnik Thurgau an der Hochschule Konstanz (WITg), Tägerwilen, Switzerland) / <u>Paul Gümpel</u> (Hochschule Konstanz, Konstanz) / <u>Urs Dornbierer</u> (Geobrugg AG, Romanshorn, Switzerland): <b>Corrosion effects on high strength duplex stainless steel nets for offshore fish farming</b>
18:30	84751	<u>Tianliang Zhao</u> (University of Science and Technology Beijing, China PR) / <u>Cuiwei Du</u> (University of Science and Technology Beijing, China PR) / <u>Zhiyong Liu</u> (University of Science and Technology Beijing, China PR) / <u>Xiaogang Li</u> (University of Science and Technology Beijing, China PR): <b>Electrochemical characterization of fatigue crack initiation of E690 high strength steel in seawater</b>
18:30	84536	<u>Mindong Chen</u> (University of Science and Technology Beijing, China PR) / <u>Zhiyong Liu</u> (University of Science and Technology Beijing, China PR) / <u>Xiaogang Li</u> (University of Science and Technology Beijing, China PR): <b>Corrosion behavior of E690 low alloy steel in SO<sub>2</sub> polluted marine splash zone</b>
18:30	84101	<u>Dallia Sicupira</u> (Universidade Federal de Ouro Preto, Ouro Preto Minas Gerais, Brazil) / <u>Raphael Assumpção</u> (Universidade Federal de Ouro Preto, Ouro Preto, Brazil) / <u>Daniela Perasoli</u> (Universidade Federal de Ouro Preto, Ouro Preto, Brazil) / <u>Davi Alves</u> (Universidade Federal de Minas Gerais, Belo Horizonte, Brazil) / <u>Iane Moutinho</u> (Universidade Federal de Minas Gerais, Belo Horizonte, Brazil) / <u>Indiana Oliveira</u> (Universidade Federal de Minas Gerais, Belo Horizonte, Brazil) / <u>Aline Ferreira</u> (Universidade Federal de Minas Gerais, Belo Horizonte, Brazil) / <u>Dagoberto Santos</u> (Universidade Federal de Minas Gerais, Belo Horizonte, Brazil): <b>Effect of warm rolling on the mechanical properties and corrosion resistance of the 2205 duplex stainless steel</b>
18:30	82911	<u>Rosa Griñon Echaniz</u> (University of Leicester, Leicester, United Kingdom) / <u>Rob Thornton</u> (University of Leicester, Leicester, United Kingdom) / <u>Shiladitya Paul</u> (TWI, Cambridge, United Kingdom): <b>Performance of thermal spray aluminium (TSA) in marine environments- a fundamental study of the effect of seawater constituents</b>
18:30	79571	<u>Jiajia Wu</u> (Institute of Oceanology, Chinese Academy of Sciences, Qingdao, China PR) / <u>Peng Wang</u> (Institute of Oceanology, Chinese Academy of Sciences, Qingdao, China PR) / <u>Dun Zhang</u> (Institute of Oceanology, Chinese Academy of Sciences, Qingdao, China PR): <b>The process of water-line corrosion in 3.5% NaCl and natural seawater monitored by wire beam electrode method</b>
18:30	78666	<u>Insup Lee</u> (Donggeui University, Busan, Korea, South): <b>The application of low temperature plasma nitriding of 2205 duplex stainless steel for higher corrosion resistance and hardness</b>
18:30	74197	<u>Zixuan Yang</u> (University of Science and Technology Beijing, China PR) / <u>Jinxu Li</u> (University of Science and Technology Beijing, China PR): <b>Hydrostatic pressure effects on X70 pipeline steel pitting corrosion initiation and propagation</b>
18:30	72427	<u>Insup Lee</u> (Donggeui University, Busan, Korea, South): <b>Effects of aging on the corrosion resistance of nitrocarburized AISI 630 martensitic precipitation hardening stainless steel</b>

<b>Forum Hall Foyer</b>		<b>Microbial Corrosion</b>
18:30	94292	<u>Jana Steinová</u> (Technical University Liberec, Czech Republic) / <u>Rojina Shrestha</u> (Technical University Liberec, Czech Republic) / <u>Tomas Cernousek</u> (Research Centre Rez, Husinec-Rez, Czech Republic) / <u>Hana Vanova</u> (Research Centre Rez, Husinec-Rez, Czech Republic) / <u>Petr Polivka</u> (Research centre Rez, Husinec-Rez, Czech Republic) / <u>Alena Sevcu</u> (Technical University Liberec, Czech Republic): <b>Microbially induced corrosion of carbon steel 12020 and titanium alloy TiGr7 under anaerobic conditions</b>

18:30	92471	Tuba Unsal (Istanbul University, Istanbul, Turkey) / <u>Esra İlhan-Sungur</u> (Istanbul University, Istanbul, Turkey) / Nurhan Cansever (Yildiz Technical University, Istanbul, Turkey): <b>Efficacy of silver-copper ions in controlling microbial corrosion related with mixed-species biofilm</b>
18:30	92421	Tuba Unsal (Istanbul University, Istanbul, Turkey) / <u>Esra İlhan-Sungur</u> (Istanbul University, Istanbul, Turkey) / Nurhan Cansever (Yildiz Technical University, Istanbul, Turkey): <b>The role of biofilm in maturation process on microbial corrosion of galvanized steel</b>
18:30	88226	<u>Beyza Nur Çelebi</u> (Yildiz Technical University, Istanbul Esenler, Turkey) / Izel Yeşildağ (Yildiz Technical University, Istanbul, Turkey) / onur altan (Yildiz Technical University, Istanbul, Turkey) / Nurhan Cansever (Yildiz Technical University, Istanbul, Turkey) / Simge Arkan (Istanbul Bilim University, Istanbul, Turkey) / Esra Sungur (Istanbul University, Istanbul, Turkey): <b>Investigation of anti-adhesivity and microbial corrosion properties of 630 steel with laser textured surface</b>
18:30	86026	Duygu Kadaifçiler (Istanbul University, Istanbul, Turkey) / Tuba Unsal (Istanbul University, Istanbul, Turkey) / Duygu Arslan (Istanbul University, Istanbul, Turkey) / <u>Esra İlhan-Sungur</u> (Istanbul University, Istanbul, Turkey) / Nurhan Cansever (Yildiz Technical University, Istanbul, Turkey): <b>The effect of Fusarium sp. on microbial corrosion behaviour of galvanized steel</b>
18:30	80306	<u>Nanni Noël</u> (Endures B.V., Den Helder, Netherlands) / Gijsbert Strijk (Endures B.V., Den Helder, Netherlands) / Job Klijnstra (Endures B.V., Den Helder, Netherlands): <b>Microbial influenced corrosion (MIC) responsible for a serious corrosion problem in a fire extinguishing system in a harbor in the Netherlands</b>
18:30	79836	<u>Andriy Pilyashenko-Novokhatny</u> (Opening International University of Human Development, Kyiv, Ukraine) / Myroslava Polutrenko (Ivano-Frankivsk National Technical University of Oil and Gas (IFNTUOG), Ivano-Frankivsk, Ukraine) / Yevstakhiy Kryzhanivskyy (Ivano-Frankivsk National Technical University of Oil and Gas (IFNTUOG), Ivano-Frankivsk, Ukraine): <b>Bioresistense of corrosion inhibitors-biocides, as a factor duration support of corrosion protection underground metal constructions</b>
18:30	78791	Ee Li (Institute of Oceanology, Chinese Academy of Sciences, Qingdao, China PR) / Jia jia Wu (Institute of Oceanology, Chinese Academy of Sciences, Qingdao, China PR) / <u>Dun Zhang</u> (Institute of Oceanology, Chinese Academy of Sciences, Qingdao, China PR): <b>D-phenylalanine inhibits corrosion of carbon steel by sulphate reducing bacteria <i>Desulfovibrio</i> sp.</b>
18:30	78391	<u>Yi Wang</u> (Institute of Oceanology, Chinese Academy of Sciences, Qingdao, China PR) / Dun Zhang (Institute of Oceanology, Chinese Academy of Sciences, Qingdao, China PR): <b>Microbiologically influenced corrosion resistance of hydrophobic Mg-Al layered double hydroxide film on aluminum</b>
18:30	73961	Vanessa Moura (Estacio University, Rio de Janeiro, Brazil) / Iris Ribeiro (Estacio University, Rio de Janeiro, Brazil) / Priscilla Moriggi (Estacio University, Rio de Janeiro, Brazil) / <u>Luciano Procopio</u> (Estacio University, Rio de Janeiro, Brazil): <b>Diversity microbial on steel coupon surfaces by temporal study in sea water on microcosm system</b>

<b>Forum Hall Foyer</b>		<b>Microscopy for understanding and preventing corrosion</b>
18:30	99181	Perrine Tanguy (Chimie ParisTech, PSL Research University, CNRS, Paris, France) / Christian Allely (ArcelorMittal Research Maizières, Maizières Les Metz, France) / Polina Volovitch (Chimie ParisTech, PSL Research University, CNRS, Paris, France): <b>Phosphate conversion coating on Zn-based multiphase substrate: impact of activator</b>

<b>Forum Hall Foyer</b>		<b>Non-destructive testing and corrosion monitoring for industrial applications</b>
18:30	71612	<u>Khaled Habib</u> (Kuwait Institute for Scientific Research (KISR), Safat, Kuwait): <b>Measurement of Oxide Film Resistance in Situ by Fabry-Pérot Interferometry and DC Method</b>

<b>Forum Hall Foyer</b>		<b>Nuclear Corrosion</b>
18:30	99336	<u>Niketan Patel</u> (Institute of Inorganic Chemistry, Slovak Academy of Science, Bratislava, Slovakia) / Viliam Pavlik (Institute of Inorganic Chemistry, Slovak Academy of Science, Bratislava, Slovakia) / Miroslav Boca (Institute of Inorganic Chemistry, Slovak Academy of Science, Bratislava, Slovakia): <b>Effects of the oxidants CrF<sub>3</sub>, CrF<sub>3</sub>·3H<sub>2</sub>O and Cr<sub>2</sub>O<sub>3</sub> on the corrosion of Incolloy 800H in molten FLiNaK</b>
18:30	99156	<u>Sriharitha Rowthu</u> (Paul Scherrer Institut (PSI), Villigen, Switzerland) / Lyubomira Veleva (Paul Scherrer Institut, Villigen, Switzerland) / Pascal Grundler (Paul Scherrer Institut, Villigen, Switzerland) / Stefan Ritter (Paul Scherrer Institut, Villigen, Switzerland): <b>Pt deposition behavior on SS304 specimens in laminar, mixed and turbulent flow regimes using customized rotating disk experiments</b>
18:30	94162	<u>Hannu Hänninen</u> (Aalto University, Espoo, Finland) / Antti Forsström (Aalto University, Espoo, Finland) / Yuriy Yagodzinskyy (Aalto University, Espoo, Finland) / Richard Becker (Studsvik Nuclear AB, Studsvik, Sweden) / Johan Öijerholm (Studsvik Nuclear AB, Studsvik, Sweden) / Jan Linder (Swedish Radiation Safety Authority, Stockholm, Sweden): <b>Hydrogen absorption in copper as a result of corrosion reactions in sulfide and chloride containing deoxygenated water at 90°C and in spent nuclear fuel repository conditions</b>
18:30	93567	<u>Marc Maisonneuve</u> (CEA and MINES ParisTech, Gif-sur-Yvette and Evry, France) / Cécilie Duhamel (MINES ParisTech, Evry, France) / Catherine Guerre (CEA, Gif-sur-Yvette, France) / Jérôme Crépin (MINES ParisTech, Evry, France) / Ian de Curières (IRSN, Fontenay-aux-Roses, France) / Léna Verchère (CEA and MINES ParisTech, Gif-sur-Yvette and Evry, France): <b>Effect of oxygenated transients on oxidation and SCC of cold-worked stainless steels in Pressurized Water Reactors primary water environment</b>
18:30	92306	<u>Pavel Sialini</u> (UCT Prague, Prague, Czech Republic) / Petr Sajdl (UCT Prague, Prague, Czech Republic) / Vladimír Havranek (NPI ASCR, Rez, Czech Republic): <b>Study of diffusion processes in the oxide layer of zirconium alloys</b>



18:30	89106	<u>Kiyoshi Betsuyaku</u> (Central Research Institute of Electric Power Industry (CRIEPI), Yokosuka, Kanagawa, Japan) / Masafumi Domae (Central Research Institute of Electric Power Industry (CRIEPI), Yokosuka, Kanagawa, Japan): <b>Transport model of radioactive corrosion products in BWRs</b>
18:30	85701	Miroslava Ernestová (ÚJV Řež, a. s., Husinec - Řež, Czech Republic) / <u>Miroslav Krpec</u> (ÚJV Řež, a. s., Husinec - Řež, Czech Republic) / Jaroslav Burda (ÚJV Řež, a. s., Husinec - Řež, Czech Republic) / Jan Dotfel (ÚJV Řež, a. s., Husinec - Řež, Czech Republic) / Tomáš Matýsek (ÚJV Řež, a. s., Husinec - Řež, Czech Republic): <b>Damage assessment of the feed pump 250-KHX shell at NPP Dukovany</b>
18:30	84306	<u>Dmitry Marchenkov</u> (NIKIET, Moscow, Russia) / Kirill Shutko (NIKIET, Moscow, Russia): <b>Corrosion behavior of tube steel for BREST steam generator</b>
18:30	82531	<u>Mohd Moinuddin</u> (York University, Toronto, Canada) / Scott Briggs (York University, Toronto, Canada) / Peter Keech (NWMO, Toronto, Canada) / David Hall (NWMO, Toronto, Canada) / Fraser King (Integrity Corrosion Consulting Ltd, Nanaimo, Canada) / Magdalena Krol (York University, Toronto, Canada): <b>Copper Corrosion Modelling for Applications in a Deep Geological Repository – Preliminary Results and Experimental Comparisons</b>
18:30	81561	<u>Ilven Mutlu</u> (Istanbul University, Istanbul, Turkey): <b>Investigation of corrosion behaviour of titanium alloy by electrochemical impedance spectroscopy method</b>
18:30	78701	<u>Kazutoshi Fujiwara</u> (Central Research Institute of Electric Power Industry, Yokosuka-shi, Japan) / Kimitoshi Yoneda (Central Research Institute of Electric Power Industry, Yokosuka-shi, Japan) / Fumio Inada (Central Research Institute of Electric Power Industry, Yokosuka-shi, Japan): <b>Effect of dissolved oxygen on flow accelerated corrosion in neutral and alkaline solution</b>
18:30	77166	<u>Jan Stoullil</u> (University of Chemistry and Technology, Prague, Czech Republic) / Milan Kouril (University of Chemistry and Technology, Prague, Czech Republic) / Liudmila Pavlova (University of Chemistry and Technology, Prague, Czech Republic) / David Dobrev (ÚJV, Rez, Czech Republic) / Jenny Gondolli (ÚJV, Rez, Czech Republic) / Ilona Pospiskova (SÚRAO, Prague, Czech Republic): <b>Localized corrosion of stainless steels in repository environment</b>
18:30	77061	<u>David Dobrev</u> (ÚJV Řež, plc., Husinec, Czech Republic) / Jenny Gondolli (ÚJV Řež, plc., Husinec, Czech Republic) / Milan Kouřil (University of Chemistry and Technology, Prague, Czech Republic) / Jan Stoullil (University of Chemistry and Technology Prague, Czech Republic) / Ilona Pospíšková (SÚRAO, Praha, Czech Republic): <b>Effect of gamma radiation on ČSN 422707.9 steel corrosion under anaerobic conditions</b>
18:30	76396	<u>Jong-Won Park</u> (Research Institute of Advanced Industrial & Science, Korea, South) / Gun-Tae Ahan (Research Institute of Industrial Science & Technology, Korea, South) / Kwan-Hee Lee (Research Institute of Industrial Science & Technology, Korea, South): <b>Evaluation of corrosion behavior for spent fuel storage steel cask on Korea onshore environment</b>

Forum Hall Foyer		Protection of cultural heritage by coatings and inhibitors
18:30	94387	<u>Maria Pia Casaletto</u> (Consiglio Nazionale delle Ricerche, Istituto per lo Studio dei Materiali Nanostrutturati, Palermo, Italy) / Rosaria Ciriminna (Consiglio Nazionale delle Ricerche, Istituto per lo Studio dei Materiali Nanostrutturati, Palermo, Italy) / Viviana Figà (Consiglio Nazionale delle Ricerche, Istituto per lo Studio dei Materiali Nanostrutturati, Palermo, Italy) / Antonella Privitera (Consiglio Nazionale delle Ricerche, Istituto per lo Studio dei Materiali Nanostrutturati, Palermo, Italy): <b>Electrochemical investigation of Limonene coatings as a green corrosion inhibitors of metallic artworks</b>
18:30	94332	<u>Maria Pia Casaletto</u> (Consiglio Nazionale delle Ricerche - Istituto per lo Studio dei Materiali Nanostrutturati, Palermo, Italy) / Viviana Figà (Consiglio Nazionale delle Ricerche - Istituto per lo Studio dei Materiali Nanostrutturati, Palermo, Italy) / Antonella Privitera (Consiglio Nazionale delle Ricerche - Istituto per lo Studio dei Materiali Nanostrutturati, Palermo, Italy) / Maurizio Bruno (Università di Palermo, Palermo, Italy): <b>Sustainable conservation of outdoor iron-based artworks by natural corrosion inhibitors</b>
18:30	91606	<u>Hana Geiplova</u> (SVUOM Ltd., Prague, Czech Republic) / Lubomir Mindos (SVUOM Ltd., Prague, Czech Republic): <b>Preliminary investigation and restoration of steel structure</b>
18:30	83051	<u>Martina Brázdová</u> (Masaryk University, Brno, Czech Republic) / Jiří Přihoda (Masaryk University, Brno, Czech Republic) / Jaromír Tulka (Masaryk University, Brno, Czech Republic): <b>Application of waxes and corrosion inhibitors on metals</b>
18:30	82076	<u>Pavla Hanackova</u> (Masaryk University, Brno, Czech Republic) / Jiri Prihoda (Masaryk University, Brno, Czech Republic) / Libuse Trnkova (Masaryk University, Brno, Czech Republic) / Jan Hrbac (Masaryk University, Brno, Czech Republic): <b>The comparison of benzoic acid amine derivatives and methacrylic acid amine derivatives as possible corrosion inhibitors for iron (steel) historical objects</b>
18:30	79126	<u>Zuzana Pecanova</u> (University of Chemistry and Technology, Prague, Czech Republic) / Kristyna Strachotova (University of Chemistry and Technology, Prague, Czech Republic) / Klara Kuchtakova (University of Chemistry and Technology, Prague, Czech Republic) / Sarka Msallamova (University of Chemistry and Technology, Prague, Czech Republic) / Milan Kouril (University of Chemistry and Technology, Prague, Czech Republic): <b>Inhibition efficiency of sodium salts of carboxylic acids on corrosion of lead in archive environment</b>

Forum Hall Foyer		Tribocorrosion
18:30	99022	<u>Righdan Namus</u> (University of Sheffield, United Kingdom) / P. Zeng (University of Sheffield, United Kingdom) / W. M. Rainforth (University of Sheffield, United Kingdom): <b>CoCrMo alloys in hip and knee replacements applications</b>

18:30	98861	<u>Yu Yan</u> (University of Science and Technology Beijing, China PR) / Zhongwei Wang (University of Science and Technology Beijing, China PR) / Jinxu Li (University of Science and Technology Beijing, China PR) / Lijie Qiao (University of Science and Technology Beijing, China PR): <b>Study of nanocrystallines on artificial hip implants surfaces induced by bio-tribo-corrosion processes</b>
18:30	96637	<u>Martin Flores</u> (Universidad de Guadalajara, Mexico) / Omar Jimenez (Universidad de Guadalajara, Mexico) / Luis M. Flores (Universidad de Guadalajara, Mexico) / Ernesto D. Garcia (Universidad de Guadalajara, Mexico) / Lazaro Huerta (Universidad Nacional Autonoma de Mexico, Mexico): <b>The effect of cathodic protection potential on the tribocorrosion behavior of biomedical alloys</b>
18:30	94797	<u>Johanna Esquerro Arce</u> (Escuela Colombiana de Ingeniería Julio Garavito, Santa Fe de Bogotá, Colombia) / Ángela Bermúdez Castañeda (École Polytechnique Fédérale (EPFL), Lausanne, Switzerland) / Yesid Aguilar Castro (Universidad del Valle, Santiago de Cali, Colombia) / Stefano Mischler (École Polytechnique Fédérale (EPFL), Lausanne, Switzerland): <b>Fretting-corrosion performance of calcium titanate and calcium phosphate coatings against bone</b>
18:30	94412	<u>Diego Felipe Carrillo</u> (Universidad de Antioquia UdeA, Medellín, Colombia) / Ana Carolina Santa (Universidad de Antioquia UdeA, Medellín, Colombia) / Andres Valencia (Universidad Pontificia Bolivariana, Medellín, Colombia) / Felix Echeverria (Universidad de Antioquia UdeA, Medellín, Colombia) / Maryory Gomez (Universidad de Antioquia UdeA, Medellín, Colombia) / Alejandro Zuleta (Universidad Pontificia Bolivariana, Medellín, Colombia) / Juan G. Castaño (Universidad de Antioquia UdeA, Medellín, Colombia): <b>Tribological behavior of electroless Ni-P-TiO<sub>2</sub> coatings obtained on AZ91D magnesium alloy by a Cr-free process</b>
18:30	86511	<u>Angela Bermúdez-Castañeda</u> (École Polytechnique Fédérale de Lausanne, Switzerland) / Javier Navarro Laboulais (Universitat Politècnica de València, Spain) / Stefano Mischler (École Polytechnique Fédérale de Lausanne, Switzerland): <b>Crevice effect in systems under tribocorrosion conditions: Mechanisms competition</b>
18:30	83266	<u>Marcin Klekotka</u> (Białystok University of Technology, Białystok, Poland) / Jan Ryszard Dąbrowski (Białystok University of Technology, Białystok, Poland): <b>Fretting-corrosion processes of metal–ceramic joints in the artificial saliva environment</b>