

Brazilian time (CET-5)	22 <sup>nd</sup> July - Thursday				
	Room Brazil				
	Chairman: Günter Schmitt				
8:00 - 8:50	<b>Plenary Lecture: V. S Raja (India)</b> - Role of surface films on hydrogen active-metal interactions-strategy for developing hydrogen embrittlement resistant alloys				
8:50 - 9:40	<b>Plenary Lecture 2: Nick Birbilis (Australia)</b> - Corrosion of Additively Manufactured Alloys: Some examples				
FINAL PROGRAM					
	Room AFRICA	Room ASIA	Room EUROPE	Room NORTH AMERICA	Room OCEANIA
	Sponsored by JOTUN	Sponsored by APERAM - video	Sponsored by SANDVIK - video	Sponsored by SANDVIK - video	Sponsored by Vidya - video
	Corrosion in Oil & Gas Industry	Corrosion of Non-ferrous Alloys	Electrochemistry	Corrosion Resistant Materials	Corrosion Management and Monitoring
9:40 - 9:45	<b>Chairwoman: Merlin Bandeira (Brazil)</b> Beginning at 10:15 (CET-5)	<b>Chairman: Luiz F. Dick (Brazil)</b>	<b>Chairman: João Salvador (Portugal)</b>	<b>Chairman: Ilson Palmieri (Brazil)</b>	<b>Chairman: Carlos Alexandre (Brazil)</b>
	<b>Cochairwoman: Tatiana Almeida (Brazil)</b> Beginning at 10:15 (CET-5)	<b>Cochairman: Hercílio Gomes (Brazil)</b>	<b>Cochairwoman: Idalina Aoki (Brazil)</b>	<b>Cochairman: Sérgio Tavares (Brazil)</b>	<b>Cochairwoman: Monica Hernandez (Canada)</b>
9:45-10:15	<b>No presentation</b>	<b>Keynote:</b> Protective Coatings for Biomedical Magnesium Alloys <b>João Salvador (Portugal)</b>	<b>Keynote:</b> Issues about electrochemical techniques in corrosion protective performance assessment. <b>Isabel Margarit (Brazil)</b>	<b>Keynote:</b> Correlative In-situ Assessment of EAC in Corrosion Resistant Alloys <b>Dirk Lars Engelberg (UK)</b>	<b>Keynote:</b> Effective Management of Internal Corrosion of Pipelines <b>Jose Vera (USA)</b>
10:15-10:35	ICC 2021 - 147: H <sub>2</sub> S partitioning in gas-water-oil systems. <b>André Luiz C. Bonfim et al.</b>	ICC 2021 - 237: Metastable pitting characteristics of aluminium alloys investigated from the in-situ mapping of hydrogen evolution at metastable pit locations. <b>Gayathri Sridhar, Nick Birbilis, V.S. Raja</b>	ICC 2021 - 270: Corrosion behavior of API 5L X65 steel in CO <sub>2</sub> saturated media in the absence and presence of contaminant H <sub>2</sub> SO <sub>4</sub> . <b>Janeth M. Q. Avilés et al.</b>	ICC 2021 - 183: Surface modification of titanium and cobalt-base alloys fabricated by selective laser melting for biomedical applications. <b>Daniel C. Girão</b>	ICC 2021 126 - Comparative evaluation of electrical resistance probes (SRE) using dynamic tests. <b>Anna R. Moreira et al.</b>
10:35-10:55	ICC 2021 - 198: Evaluation of Plastic Deformation Influence on High Strength Casing Steel Stress Corrosion Cracking. <b>Débora Lima Molter et al.</b>	ICC 2021 - 112: Case Study: Resort Corais de Búzios (RN). <b>Alexandre M. N. Cobra et al.</b>	ICC 2021 - 492: In-vivo investigation of electrochemical reactions of Ti in human synovial fluids. <b>Yueyue Bao</b>	ICC 2021 - 244: Corrosion Resistant Multi-Principal Element CrCoNi Alloys for Marine Applications <b>Guilherme Y. Koga et al.</b>	ICC 2021 - 396: Using Digital Twin and AI to predict atmospheric corrosion - A smart tool for decision makers. <b>Otavio C. Correa, Fulvio Silva, Jorge Luiz S. Mariano</b>
10:55-11:15	ICC 2021 - 200: Microstructure characterization and CO <sub>2</sub> corrosion behavior analysis of a carbon steel used for tensile armors of flexible pipes. <b>Dimas J. Resende Jr., Sergio S M Tavares, Ilson P. Baptista</b>		ICC 2021 - 165: Corrosion behavior of NdFeB permanent magnet in two neutral environments. <b>Célia Aparecida L. Santos et al.</b>	ICC 2021 - 250: Influence of Welding Energy on Intergranular and Pitting Corrosion Susceptibility in UNS S32205 Duplex Stainless Steel Joints. <b>Henrique B. Pereira et al.</b>	ICC 2021 - 378: Development of Electrical Resistance Sensors for Corrosion Monitoring in extreme environments. <b>Miha Hren et al.</b>
11:15 - 11:35	ICC 2021 - 291		ICC 2021 - 180	ICC 2021 - 278: Finite element simulation of pitting of 304L stainless steel under elastic tensile stress <b>Jiadong Li, Junlei Tang, Bing Lin</b>	ICC 2021 - 339
	ICC 2021 - 157		ICC 2021 - 312		ICC 2021 - 482
	ICC 2021 - 158		ICC 2021 - 328		ICC 2021 - 186
	ICC 2021 - 298		ICC 2021 - 317		ICC 2021 - 377
11:35-11:55	<b>BREAK</b>				

Room Brazil	
Plenary lecture	
Room LATIN AMERICA	
Sponsored by Elsevier	
Technical and Commercial Presentation	
Chairman: André Koebsch (Brazil)	
No presentation	
No presentation	
10:10 - 10:40	<b>Aperam</b> Tribocorrosion in the Agribusiness and Mining Sectors. <b>Willian Labiapari</b>
10:45 - 11:00	<b>Anton Paar</b> Mechanical Surface Characterization: solutions and examples. <b>Filipe Estevão de Freitas</b>
11:10 - 11:25	<b>Hita</b> External painting system with high thickness coatings - Actions that give more efficiency and durability to field services. <b>Pedro Hita</b>

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	Corrosion in Oil & Gas Industry	Organic Coatings		Corrosion Resistant Materials	Corrosion Management and Monitoring
11:55 - 12:00	Chairwoman: <b>Merlin Bandeira (Brazil)</b>	Chairwoman: <b>Denise Freitas (Brazil)</b>		Chairman: <b>Ilson Palmieri (Brazil)</b>	Chairman: <b>Carlos Alexandre (Brazil)</b>
	Cochairwoman: <b>Tatiana Almeida (Brazil)</b>	Cochairman: <b>Gabriel Leoni (Brazil)</b>		Cochairman: <b>Sérgio Tavares (Brazil)</b>	Cochairwoman: <b>Monica Hernandez (Canada)</b>
12:00 - 12:20	ICC 2021 - 433: Evaluation of Flow Accelerated Corrosion in Typical Recovery Boiler Environments of Energy Production Industries. <b>Tatiana C. Almeida et al.</b>	ICC 2021 - 206: Low environmental impact coatings - Polyaspartic. <b>Eder D. Justina</b>		ICC 2021 - 336: Evaluation of Cr, Mo, Ti and Cu on the pitting corrosion resistance of supermartensitic stainless steels at different temperatures. <b>Lucas N. S. Prachedes et al.</b>	ICC 2021 - 451: Growing Role of Education within Corrosion Management in Industry. <b>Agatha Swierczynski</b>
12:20-12:40	ICC 2021 - 302: Test methods for identification of preferential weld corrosion susceptibility on welded joints of subsea pipelines. <b>Julliana L. Cardoso et al.</b>	ICC 2021 - 437: Accelerated Corrosion tests of epoxy-based coatings containing zinc tannates. <b>Antonella Hadzich, Manuel Gonzales, Santiago Flores.</b>		ICC 2021 - 350: Electrochemical characterization of anodized TiNi and Ti surfaces. <b>Marcos Vinicius F. Ferreira et al.</b>	ICC 2021 - 218: Real-time potential monitoring of 304 stainless steel under cathodic protection. <b>Elismar Silva Peireira</b>
12:40 - 13:00	ICC 2021 - 332: Influence of Hard TiN Inclusions of Strained Supermartensitic Stainless Steel on the Nucleation of Microcracks and Pitting Corrosion. <b>Lucas B. Souto</b>	ICC 2020 - 465: Zinc-rich powder coatings of post-consumer polyethylene terephthalate. <b>Elisângela Silva, Fernando Cotting, Vanessa Lins</b>		ICC 2021 - 388: Corrosion resistance of lean duplex stainless steel UNS S2304 welded by submerged arc welding with cold wire addition. <b>Neice F. Santos et al.</b>	
13:00 - 13:20	ICC 2021 - 355: Study of two different aluminum alloys for subsea longterm application. <b>Mariana Georges</b>	ICC 2021 - 468: Water-based polyaniline/graphene-epoxy anti-corrosion coating applied in carbon steel. <b>Verônica A. Veloso et al.</b>		ICC 2021 - 252: Effect of copper addition on the passivation behavior of cast duplex stainless steel ASTM A890 1B and 3A in critical environment conditions <b>Hillane M. L. F. de Lima et al.</b>	
13:20 - 13:40	ICC 2021 - 442: Corrosion failure analysis of a superduplex stainless steel flange. <b>Sérgio Souto M. Tavares et al.</b>	ICC 2021 - 321: Influence of the use of additives on the corrosion resistance efficiency of zinc rich epoxy primers, based on the cathodic protection principles. <b>Leonardo M. Moraes</b>		ICC 2021 - 254: Hydrogen embrittlement behavior of high-entropy alloys. <b>Hong Luo et al.</b>	
13:40-14:00		ICC 2021 - 282		ICC 2021 - 168	
				ICC 2021 - 174	

Room LATIN AMERICA	
Sponsored by Elsevier	
Technical and Commercial Presentation	
Chairman: <b>André Koebsch (Brazil)</b>	
12:00 - 12:30	<b>Jotun</b> Understanding Hydrocarbon Fire Protection Technologies - Jotachar mesh free epoxy passive fire protection. <b>Evandro Rivera Martin</b>
12:30 - 13:00	<b>Gerdau</b> Gerdau Weathering Steel. <b>Eduardo Barcellos Buratto</b>
13:00 - 13:30	<b>WEG</b> New technologies in liquid coatings for industrial maintenance. <b>Rodrigo Valandro</b>
13:30 - 14:00	<b>Sandvik</b> Seamless tubing, Bars and Hollow Bars in Stainless Steel and Special Alloys. <b>Felipe Beluche Lima; Renata Caroline Mota Santos</b>
14:00 - 14:15	<b>Aselco</b> Chemical Injection & Optimization. <b>Eduardo de Oliveira</b>

POSTER	TITLE / AUTHORS
ICC 2021 - 157	Evaluation of the impact of crude oil emulsion on pipeline corrosion. <a href="#">Carlos Alberto da Silva</a> et al.
ICC 2021 - 158	Corrosion rate prediction for mild steel pipelines in multiphase flow. <a href="#">Carlos Alberto da Silva</a> , et al.
ICC 2021 - 168	The effect of high Fe concentrations on the microstructure and electrochemical behavior of as-cast modified Inconel 625®. <a href="#">Célia Regina Tomachuk dos Santos Catuogno</a> et al.
ICC 2021 - 174	Comparative corrosion resistance between stainless steels UNS S41008 and UNS S43000. <a href="#">Cintia P. Amaro</a> , Adolfo K. N. Viana, Lucio A. Bailo.
ICC 2021 - 180	Corrosion resistance evaluation of super hydrophobic coating on stainless steel AISI 304. <a href="#">Daiana G. Sacilotto</a> , João Vinicius Vares, Jane Zoppas Ferreira.
ICC 2021 - 186	Inline real-time corrosion monitoring in steel mill flue gases for efficient waste heat recovery. <a href="#">Daniel de la Fuente</a> , Jenifer Alcántara, Pavel Ivashechkin
ICC 2021 - 282	Lithium salts loaded in epoxy paint on galvanized steel to improve corrosion resistance Jivago S. S. Reis, Brunela Pereira da Silva, Idalina V. Aoki
ICC 2021 - 291	Inspection and repair of corroded pipeline: a case study. <a href="#">Jose J. M. Oliveira</a> , Emmanuelle S. Freitas
ICC 2021 - 298	Study of calcium carbonate scaling and corrosion on steel using a high salinity NaCl and CaCl2 brine. Juliana F. de Ângelo, Jean V. Ferrari
ICC 2021 - 312	Corrosion of dental implants made of Ti-6Al-4V connected to 316L SS in aggressive environment. <a href="#">Larissa Oliveira Berbel</a> et al.
ICC 2021 - 317	The interaction of chloride and thiosulfate with Alloy 800 in aerated and deaerated conditions. <a href="#">Leandro S. Domingues</a>
ICC 2021 - 328	Influence of Cl <sup>-</sup> and SO <sub>4</sub> <sup>2-</sup> ions on the electrochemical behaviour of 3105 and 5052 aluminum alloys. Monica Scarabotto, Eliena J. Birriel, <a href="#">Lisete C. Scienza</a>
ICC 2021 - 339	On-site Passivation Assessment of Type 316L Aseptic Storage Tanks with Electrochemical Techniques. <a href="#">Luis Henrique Guilherme</a> et al.
ICC 2021 - 377	Indirect detection of corrosion by quantifying the Fe(II)-TEA complex. <a href="#">Michael D. P. de Souza</a> , Simone L. D. C. Brasil, Rodrigo S. Melo.
ICC 2021 - 482	The Laboratory Simulation and Electrochemical Monitor Techniques for Corrosion Under Insulation (CUI). <a href="#">Wei J. Li</a> , Cheng Y. Tsai