Brazilian time (CET-5)	20 <sup>th</sup> July - Tuesday				
	Room BRAZIL				
	OPENING CEREMONY				
8:00 - 8:15	Günter Schmitt – President of International Corrosion Council				
8:15 - 8:30	Vahan Agopyan – President of the Universidade de São Paulo				
8:30 - 8:45	Jefferson Gomes de Oliveira – President of the Instituto de Pesquisas Tecnológicas de São Paulo				
8:45 - 9:00	Zehbour Panossian – President of the Associação Brasileira de Corrosão				
	Chairwoman: : Emma Angelini				
9:00 - 9:40	Plenary Lecture: Günter Schmitt (Germany) - Mitigation of Flow-Induced Localized Corrosion with Corrosion Inhibitors				
	Chairman: : Carlos Arroyave				
9:40 - 10:10	Marcel Pourbaix Award lecture - Prof. Mario Ferreira (Portugal) - Sustainable and Self-healing Materials for Corrosion Protection				
10:10 - 10:40	Marcel Pourbaix Award Lecture - Prof. Tetsuo Shoji (Japan) - Crack Tip Mechano-Chemistry and Roles of Hydrogen				
	FINAL PROCRAM				

## FINAL PROGRAM

	Room AFRICA	Room ASIA	Room EUROPE	Room NORTH AMERICA	Room OCEANIA	Room LATIN AMERICA
	Sponsored by Vidya - video	Sponsored by WEG	Sponsored by APERAM - video	Sponsored by GERDAU - video	Sponsored by Zincoligas	Sponsored by Vidya - video
	WCO Green Energy	Organic Coatings	High-temperature Resistant Materials and Coatings	Corrosion Resistant Materials	Biocorrosion	Atmospheric Corrosion
10:40 - 10:45	Chairman: Damien Feron (France)	Chairman: Lorenzo Fedrizzi (Italy)	Chairwoman: Isolda Costa (Brazil)	Chairman: Ilson Palmieri (Brazil)	Chairman: Daniel John (Singapore)	Chairman: Daniel de la Fuente (Spain)
	Cochairman: Jesualdo Rossi (Brazil)	Cochairwoman: Denise Freitas (Brazil)	Cochairwoman: leda Caminha (Brazil)	Cochairman: Sérgio Tavares (Brazil)	Cochairwoman: Flávia Maciel (Brazil)	Cochairman: Walney Silva (Brazil)
10:45 - 11:15	Keynote: Hydrogen technology is coming - challenges for materials corrosion Gunter Schmitt (Germany)	,	the high temperature corrosion of metals and alloys	austenitic stainless steel and Ni- base corrosion resistant alloys	Keynote: Methods to approach and monitor microbial corrosion in industrial equipment Pierangela Cristiani (Italy)	Keynote: Atmospheric Corrosion at the Pace of the Industrial Revolutions Carlos Arroyave (Colombia)
11:15 - 11:35	ICC 2021 - 227: Corrosion & low- carbon energies. <b>Damien Féron</b>	ICC 2021 - 393: Effect of the hydrolysis time on the corrosion resistance of AA2024-T3 anodized in TSA and sealed with hybrid coatings. Oscar M. P. Ramirez, Marie-Georges Olivier, Hercilio G de Melo	oxidation behavior of Fe-Mn-Si-Cr-Ni- (Ce) shape memory stainless steels.  Caique A. T. Alberto, Rodrigo da  Silva Carlos A. D. Rovere	stainless steels UNS S41003, UNS S30400, and carbon steel SAE 1010	ICC 2021 - 140: Application of biosurfactant produced from vinasse to control the biocorrosion process. <b>Bianca F. Naspolini et al.</b>	ICC 2021 - 117: Corrosion behavior of weathering steel in marine environments <b>Amanda P. Silva</b> et al.
11:35 - 11:55	BREAK					

	Room AFRICA	Room ASIA	Room EUROPE	Room NORTH AMERICA	Room OCEANIA	Room LATIN AMERICA
	Sponsored by Vidya - video	Sponsored by WEG	Sponsored by APERAM - video	Sponsored by GERDAU - video	Sponsored by Zincoligas	Sponsored by Vidya - video
	WCO Green Energy	Organic Coatings	High-temperature Resistant Materials and Coatings	Corrosion Resistant Materials	Biocorrosion	Atmospheric Corrosion
11:55 - 12:00	Chairman: Damien Feron (France)	Chairwoman: Denise Freitas (Brazil)	Chairwoman: Isolda Costa (Brazil)	Chairman: Ilson Palmieri (Brazil)	Chairman: Daniel John (Singapore)	Chairman: Daniel de la Fuente (Spain)
	Cochairman: Jesualdo Rossi (Brazil)	Cochairman: Gabriel Leoni (Brazil)	Cochairwoman: leda Caminha (Brazil)	Cochairman: Sérgio Tavares (Brazil)	Cochairwoman: Flávia Maciel (Brazil)	Cochairman: Walney Silva (Brazil)
12:00 - 12:20	based catalysts during oxygen evolution reaction under on/off	ICC 2021 - 395: Development of Novel Epoxy Closed-Cell Foam for Thermal Insulation and Corrosion Protection. Osmay Oharriz, Diego Hita	ICC 2021 - 192: Oxidation behavior of ultra-high strength 13Ni-15Co-10Mo maraging steel <u>Daniela P. M. da Fonseca</u> , Nelson B. de Lima, Angelo F. Padilha	as Technical Alternatives to Industrial Coatings in Corrosive Environments of the Electric Sector.	ICC 2021 - 189: Mechanisms for Anaerobic Microbiological Influenced Corrosion by Non- Sulphide Producing Organisms. Daniel J. Blackwood	ICC 2021 - 172: Evaluation of the behavior of the hot dip galvanizing coating in a cellulose plant <u>Christian P. S. Villa</u> , Oscar B. Castillo
	ICC 2021 - 408: Corrosion Protection of fixed bed offshore wind power plants in North and Baltic Sea. Peter Plagemann, Oliver Kranz	ICC 2021 - 364			ICC 2021 - 406: Detection and	ICC 2021 - 178: Importance of assessing how aggressive the environment is for installing transmission line towers. Cristina C. Amorim, Bartolomeu N. Cordeiro
10.00 10.10		ICC 2021 - 181	ICC 2021 - 382: The Advantage of Heat Resistant Composites. <u>Miles</u> <u>Buckhurst</u> , <b>Svein J. Kaspersen</b>	ICC 2021 - 125	enumeration of diverse sulfate- reducing and thiosulfate reducing microbial species using thin-film culture device technology. Evan Brutinel, Benjamin Wilson, Sergio Filho, Peter Gorman	
12:20 - 12:40		ICC 2021 - 262		ICC 2021 - 131		
		ICC 2021 - 272				
12:40 - 13:00	ICC 2021 - 208: A comparative study of carbon steel compatibility with E27 and E25 gasoline-ethanol fuel blends under standardized test condition <u>Eduardo Cavalcanti</u> et al.	adhesion and accelerated corrosion	ICC 2021 - 296: Comparison of high temperature oxidation resistance of AISI 303, 304 and 310 steels. <u>Júlia</u> <u>Nascimento Pereira</u> ; Igor M. R. Candido; Artur de S. Malafaia.	PRE 52 alloy for corrosive environments Ivy Frazão, Felipe B.	ICC 2021 - 366: Importance of the enzymatic activity present in microbiologically influenced corrosion (MIC) assisted by Pseudomona aureginosa in alloys of Aluminum-2024 and Aluminum-6063 Maritza Paez et al.	ICC 2021 - 358: Corrosion behavior in galvanized Wind Fence structures. <u>Mariana T. Souza</u> , Hector A. Muñoz, Ariane Gaspari O. Souza
	Transport of current from off-shore	Anticorrosive Coatings by Nonlinear Electrochemical Impedance	ICC 2021 - 422: High temperature materials for light water reactors accident tolerant fuels. Raul B. Rebak	ICC 2021 - 496: Aplication of Transpassive Dissolution to Quantify Deleterious Phases in Super Duplex Stainless Steel. Marcelo T. G. Sampaio et al.	ICC 2021 - 194	ICC 2021-185: Atmospheric corrosion of weathering steel in the ICP Materials project. Daniel de La Fuente et al.
10.00 10.00					ICC 2021 - 347	
13:00 - 13:20					ICC 2021 - 251	
13:20 -13:40	hybrid organic-inorganic metal halide electrodes for Li-ion battery.	temperature and acid environment on epoxy-Nb $_2$ O $_5$ anticorrosive resistance.	303 steel. <u>Júlia Nascimento Pereira</u> ;	ICC 2021 - 169: Influence of high nickel content in a supermartensitic stainless steel on pitting corrosion behavior in standard and welded conditions. César A. D. Rodrígues et al.		ICC 2021 - 289
						ICC 2021 - 248
						ICC 2021 - 387
13:40 - 14:00			ICC 2021 - 187			
	ICC 2021 - 397: Development of Coal	ICC 2021 - 397: Development of Coal tar free anticorrosive epoxy coatings from lignin. Otilio B. F. Diógenes et al.	ICC 2021 - 290			
			tar free anticorrosive epoxy coatings			

POSTER	TITLE / AUTHORS
ICC 2021 - 124	Thermal Aging Effects on Mechanical and Corrosion Resistances of Super-Austenitic Stainless Steel exposed at 600 °C. Andreia S. M. Cardoso et al.
ICC 2021 - 125	Influence of Backing Gas Protection on the Corrosion Resistance in Superduplex Stainless Steel Root Welds Performed by GTAW Process. Andreia S. M. Cardoso et al.
ICC 2021 - 131	Analysis of the influence of the corrosive atmospheric due to air-sea on the fatigue failure of a ferritic stainless steel rod used in an automobily industry. Armando Hideki Shinohara, José G.S. Bezerra.
ICC 2021 - 146	Electrochemical Impedance Spectroscopy analysis of the expanded austenite phase produced by plasma nitriding. Bruno B. Ramos et al.
ICC 2021 - 181	Improving Zinc-rich Epoxy primer performance with conductive polymer incorporation. <u>Danae L. Francisco</u> et al.
ICC 2021 - 187	High Temperature oxidation of iron aluminide coatings. <u>Daniel D. M. R. Ferreira</u> , Frederico A. P. Fernandes
ICC 2021 - 194	Microbiological Corrosion in Fire Pipe Protection Systems (sprinkler) in the Presence of Sulfate Reducing Bacteria. <u>Danielle S. F. Abdall</u> a et al.
ICC 2021 - 248	Comparison between weathering steels and hot-dip galvanized steels as alternatives to corrosion in construction sector. Héctor A. Muñoz, Mariana T. Souza.
ICC 2021 - 251	Evaluation of the efficiency of biocidal products for the Oil and Gas industry by using microscale cultivations. Henrique M. Simon et al.
ICC 2021 - 262	Issues with thermal insulation painting. Isabel Cristina P Margarit Mattos et al.
ICC 2021 - 272	Effect of flash rust preventer applied after hydroblasting surface preparation on steel under epoxy paint schemes. <u>Jeferson L. Oliveira</u> et al.
ICC 2021 - 289	Cases of atmospheric corrosion in some urban structures of the city of Maceió. <u>Jorge F. S. Filho</u> , Willidez M. da S. Lopes
ICC 2021 - 290	Influence of the delta <b>p</b> hase and the water vapor in the initial stage of the oxidation process on the VAT46 alloy. <u>Jorge Luiz Meyrelles Jr.</u> et al.
ICC 2021 - 347	Control and mitigation of mic by silver species hosted in microporous materials. Márcia Teresa S. Lutterbach et al.
ICC 2021 - 364	Anti-corrosion properties of an epoxy coating nano filled with reduced graphene oxide. Mario N. Barbosa Jr. et al.
ICC 2021 - 387	Analysis and elaboration of anti-corrosion coatings processes of external piping in corrosive atmospheres. Elizabeth P. M. Mendonça, Mylena F. R. Borges, Rebeca B. Souza
ICC 2021 - 420	Electrochemical Behavior of Weathering Steel Submitted to Simulated Industrial Environment. Raphael F. Assumpção et al.