

CONFERENCE PROGRAM - Draft 31/01/2024

DATE	TIME	Rooms - 3rd Floor		Rooms - 2nd Floor			Room - 1st Floor
		Scirocco	Libeccio	Levante	Ponente	Aliseo	Bora
Monday June 10th	08:30-09:00	Opening Remarks					
	09:00-09:50	Plenary Lecture (by AMPP)					
	09:50-10:20	Coffee Break					
		Energy Transition		Cathodic Protection Onshore	Coating & Linings Standards & Qualification	Applied Research in Academia	CRA & Welding
		Chair: Stuart Bond - Mario Celant		Chair: P.Marcassoli - I.Magnifico	Chair: C.Vie - M.Halliday	Chair: F.Bolzoni - S.Martinez	Chair: B.Ghai - M.De Marco
	10:20-10:45	Energy Transition - Keynote Lecture Marc Wilms - Shell International Corrosion concerns in Carbon Capture and Sequestration projects – A call for action, Paper No. 173		Keynote Lecture (TBN)	Keynote Lecture (TBN)	L.Gritti, S.Lorenzi, D.Coffetti, M.Pelucchi, M.Cabrini, T.Pastore, 'Determination of the concentration of diffusible hydrogen in pipeline steels: comparison between degassing and desorption methods', Paper No. 119	Keynote Lecture Roger Francis Nickel Institute
	10:45-11:10					A.Rahma, 'Study of high temperature oxidation behaviour of nanostructured Co-Al and Cr/Co-Al coatings on superni-718 substrate in adverse environment', Paper No. 013	
	11:10-11:35			M.De Marco, E.Ferrari., F.F.Wu, 'Internal corrosion damages close to monolithic Isolation Joints placed above ground in a pig traps', Paper No. 036	F.de Smet, H.De Vries, 'How to control hexavalent chromium exposure during coating rehabilitation activities, a study into to exposures during surface preparation activities', Paper No. 042	B.Ter-Ovanessian, S.Marcelin, B.Normand, J.Galipaud, 'Electrochemical impedance spectroscopy investigation of the role of alloying elements (Cr, Fe) on the passive film properties of Ni based alloys', Paper No. 081	P.Bortot, M.Ortolani, M.Bellingardi, 'Fracture toughness of high strength ferritic steel welds in hydrogen service', Paper No. 083
	11:35-12:00			C.Ruppi, 'Calculation of current leakage and capacitive value of dielectric joints', Paper No. 141	A.M.Dam, 'Developments in international coating standards', Paper No. 073	S.Lorenzi, T.Persico, D.Asperti, M.Cabrini, T.Pastore, 'Corrosion behavior and material qualification pathway of Alloy 625 manufactured by different additive manufacturing technologies', Paper No. 126	B.S.Vieira, 'Sanicro 35TM - Bridging the gap between stainless steels and nickel alloys', Paper No. 002
	12:00-12:25			S.Javia, 'Above ground storage tank – Case study of a linear anode based cathodic protection system on new and existing tank.', Paper No. 158	M.Castano, 'Qualification approaches for coatings for buried or submerged pipelines used in pipeline transportation systems. Some interesting introductions from ISO 21809 series.', Paper No. 136	L.Casanova, M.Menegazzo, F.Goto, M.Pedefferri, L.Duò, M.Ormellese, G.Bussetti, 'Studying the activation of titanium in sulfuric acid by in-situ techniques', Paper No. 014	M.De Marco, E.Adile, 'High temperature performance of 253MA® alloy welded joints', Paper No. 039
12:25-14:00	Lunch						

CONFERENCE PROGRAM - Draft 31/01/2024

DATE	TIME	Rooms - 3rd Floor		Rooms - 2nd Floor			Room - 1st Floor
		Scirocco	Libeccio	Levante	Ponente	Aliseo	Bora
Monday June 10th		Energy Transition Carbon Capture	Energy Transition Hydrogen Service	Cathodic Protection Offshore	Coating & Linings for Renewable Energies	Applied Research in Academia	CRA & Welding
		<i>Chair: R.Morana - M.Billingham</i>	<i>Chair: L.Bacchi - G.Mannucci</i>	<i>Chair: I.Magnifico - V.Saviello</i>	<i>Chair: C.Vie - M.Malfanti</i>	<i>Chair: F.Bolzoni - S.Martinez</i>	<i>Chair: B.Ghai - M.De Marco</i>
	14:00-14:25	M.Billingham, L.Smith, 'The Carbon Capture challenges - Projects and materials selection impact', Paper No. 019	V.Colombo, C.Vailati, G.Re, 'Sour environment and high-pressure hydrogen: comparison of design regulations', Paper No. 030	P.Marcassoli, S.Pighi, M.Poldi, M.Tironi, L.Torri, 'FEM and BEM modelling application in cathodic protection design and retrofitting: optimization scenarios', Paper No. 003	M.Harrison, 'Renewable feedstock and fuel testing: the challenges in a similar but subtly different environment', Paper No. 001	S.Lorenzi, M.Locatelli, D.Asperti, L.Nani, T.Persico, M.Cabrini, T.Pastore, 'Intergranular corrosion assessment and stress corrosion cracking susceptibility of high strength aluminium alloys supported by DIC technique', Paper No. 125	C.Tigerstrand, S.Hägg Mameng, M.Frigo, 'Atmospheric corrosion resistance of as-delivered and fabricated duplex stainless steel: results of a field exposure in Italy', Paper No. 015
	14:25-14:50	H.Mahgerefteh, R.Talemi, S.Martyno, T.Xu, 'Brittle fracture propagation in CO2 pipelines: impact of stream impurities', Paper No. 077	M.Hoeving, M.Baumeister, 'Inline inspection in future fuel pipelines', Paper No. 172	L.Cafferata, 'Evolution in the application of galvanic anode with the recent regulations and the development of the protective coatings', Paper No. 147	K.Blankenship, J.Lawson, 'Corrosion protection systems to extend service life and reduce embodied carbon of offshore wind towers', Paper No. 047	F.Ceriani, L.Casanova, A.Brenna, M.Ormellese, 'Incorporation of Nano-Particles in Plasma Electrolytic Oxidation (PEO) Coatings Produced on Aluminum Alloys', Paper No. 027	B.Holmes, D.Holiver, C.Punshon, S.Smart, S.Metalcraft, E.Broughton, 'Corrosion performance of electron beam welded duplex stainless steel', Paper No. 109
	14:50-15:15	D.Sandana, I.Lopez, T.Moritz, 'Management of the cracking threat in CO2 pipelines', Paper No. 112	D.Scarsciafratte, E.Torselletti, A.Santicchia, S.Terracina, E.Aloigi, 'H2 transport through pipelines - A proposed fracture mechanics approach for pipeline design and linepipe requirements', Paper No. 007	V.Genco, G.Martinelli, 'Manufacturing of bracelet sacrificial anodes for marine applications', Paper No. 034	R.Holliday, 'High pressure hydrogen gas jet fires – Can in intumescent coating withstand the heat and erosive forces involved?', Paper No. 121	S.Nazar, E.Proverbio, 'Numerical modeling of hydrogen induced cracking in hydrogen transportation systems', Paper No. 160	S.Rossi, S.M.Leseo, M.Fedel, 'Investigation into the corrosion characteristics of stainless steel in the food industry', Paper No. 115
	15:15-15:40	E.Torselletti, A.Canestrari, D.Scarsciafratte, A.Ferrulli, E.Aloigi, A.Di Felice, 'CO2 transport through pipelines - A proposed design approach for linepipe sizing requirements', Paper No. 008	B.Aydin, D.Quintiliani, G.Doni, F.Fusari, 'Material evaluation for high-pressure high-capacity hydrogen storage tanks', Paper No. 086	F.Castelli, M.Delucchi, F.Valenza, F.Garaventa, M.Faimali, T.Turturro, M.Losurdo, A.Benedetti, 'How ICCP anodes affect nearby biocide-free foul control paints for ships' hulls', Paper No. 046	R.Wade, 'With the drive for new energy sources Intensifying, can the risks posed by liquid hydrogen release be mitigated by cryogenic spill protection (CSP) systems typically used for LNG industry?', Paper No. 133	E.Messinese, M.Ormellese, A.Brenna, 'Tafel-Piontelli model for acidic corrosion: theoretical developments and engineering applications on carbon steel exposed to weak acids', Paper No. 054	B.Rivolta, R.Gerosa, D.Panzeri, P.Certini, G.Orlandi, S.Emedoli, 'Influence of the aging treatment on the corrosion and the mechanical properties of conventional and additive manufactured Alloy 625', Paper No. 017
	15:40-16:05	A.Bologna, P.Rigamonti, M.Fortis, A.Gottardi, B.Strauss, 'Latest ILLI technology enables the utilisation of existing infrastructure to accelerate a CCS project', Paper No. 023	M.Palombo, Y.Kojima, A.Civati, M.Borile, 'Development of transducers for hydrogen service up to 1500 bar', Paper No. 143	M.J.F.Marques, A.Benedetti, F.Castelli, M.Delucchi, Faimali, S.Delsante, F.Valenza, F.Garaventa, Pavanello, M.Losurdc R.Basseguy, 'The corrosion behavior of aluminium-magnesium alloy in natural seawater: effects of the biological activity ', Paper No. 045		A.Casavola, M.Forouzanfar, G.Gagliardi, F.Tedesco, R.Colloca, T.Giambartolomei, E.Muraca, 'Probabilistic approaches for corrosion rate estimation in pipelines: a comparative study and simulation case analysis', Paper No. 100	C.Herrera, M.Seifert, 'High strength austenitic stainless steels for hydrogen applications at high pressure', Paper No. 135
16:05-16:20	Coffee Break						

CONFERENCE PROGRAM - Draft 31/01/2024

DATE	TIME	Rooms - 3rd Floor		Rooms - 2nd Floor			Room - 1st Floor	
		Scirocco	Libeccio	Levante	Ponente	Aliseo	Bora	
Monday June 10th		Energy Transition	Energy Transition	Cathodic Protection	Coating & Linings	Applied Research in Academia	CRA & Welding	
		Carbon Capture	Hydrogen Service	Management of Interference	Application & Maintenance			
		<i>Chair: R.Morana - M.Billingham</i>	<i>Chair: G.Mannucci - M.Palombo</i>	<i>Chair: R.Ballerini - S.Tremolada</i>	<i>Chair: P.Donelli - M.Malfanti</i>		<i>Chair: F.Bolzoni - S.Martinez</i>	<i>Chair: B.Ghai - M.De Marco</i>
		16:20-16:45	G.Mannucci, Mancini, Smith, Fratoni, Olcese, Bronzini, L.Bacchi, 'Feasibility assessment for the repurposing of existing pipelines for CO2 transport', Paper No. 152	R.Bruschi, F.Alessandri, R.Moslemian, A.Ruoti, 'Meeting the challenges of hydrogen repurposing of offshore natural gas pipelines', Paper No. 170	J.Warner, 'Introduction to DC decouplers', Paper No. 087	P.Donelli, M.Donelli, 'Penstock maintenance and rehabilitation - How automation can improve safety, sustainability and durability of the internal coating/lining', Paper No. 057	M.Fedel, S.Rossi, F.Deflorian, 'Investigation into filiform corrosion evolution on painted carbon steel under different aging conditions', Paper No. 116	M.Naghizadeh, 'Formulating corrosion mitigation strategies during the design phase of novel chemical and mineral processing: confronting challenges and seizing opportunities', Paper No. 131
		16:45-17:10	F.Locati, B.Gandolfi, P.Deodati, N.Fontana, 'Main challenges for material selection for CCS projects', Paper No. 148	N.Gallon, S.Hopkin, T.Martin, 'EPRG hydrogen pipelines integrity management and repurposing guideline white paper', Paper No. 145	A.Del Moro, U.Marinelli, 'Impact of super-performance coatings on cathodic protection and AC current interference mitigation systems', Paper No. 020	M.Hornig, 'Developing the all-in-one solution – Getting the job done with all easy to use 1:1 polyurethane coating', Paper No. 064	H.Moradi, G.Grifò, G.Consolo, F.Milazzo, E.Proverbio, 'Numerical investigations on localized corrosion from single and multiple pits in fuel tanks', Paper No. 159	Muhammad Usman Asghar, 'Robust Material Selection Considering varied Operational Scenarios', Paper No. 043
		17:10-17:35	J.Sonke, Y.Zheng, 'CO2 transport and injection, effect of impurities, understanding of reactions and consequences (C2023-18756)', Paper No. 010	M.Palombo, M.De Marco, 'Exploring the suitability of a vintage linepipe steel for hydrogen service in wide range of working pressures', Paper No. 084	I.Magnifico, 'Influence of overprotection on AC corrosion. Analysis of a real case', Paper No. 068	C.Favennec, F.Guillemot, P.Le Calvé, R.Mascolo, J-M.Quenez, S.Renouard, H.Vincent, 'Anticorrosion for ship maintenance enters a new era with the advent of automation', Paper No. 105	R.Spotorno, P.Piccardo, 'Rotating Fourier transform applied to electrochemical impedance spectroscopy: a new opportunity for corrosion studies', Paper No. 123	T.Córdoba, V.Matres, M.de Nicolás, Morillas, L.Segovia, N.Baladés, D.L.Sales, E.Macía, 'Corrosion resistance of 3D arc and wire printed stainless steels components', Paper No. 026
		17:35-18:00	I.Ali, R.Morana and S.Hassani, 'Setting CO2 specifications to safeguard mechanical integrity for different modes of CO2 transport', Paper No. 079	L.Asaro, G.Gargano, A.Santicchia, E.Aloigi, G.Arcangeletti, E.Torselletti, D.Scarsciafratte, 'H2 transport through pipelines – Assess a reliable test protocol for pipeline material, welds and coating to assess the suitability of existing coated pipelines and to select the proper materials/coating for new pipelines', Paper No. 063	J.Warner, 'AC mitigation: how to maximize CP potentials', Paper No. 088	P.de Bonnafos, 'Evaluation of wax based tape coating exposed atmospheric conditions over 20 years', Paper No. 151	M.Delucchi, A.Lagazzo, G.Innocenti, A.Bottaro, 'An attempt to produce liquid infused surfaces starting from organic coatings filled with zeolites', Paper No. 165	C. Casu, M. De Marco, M. Auditore, 'Welding of type AISI 444 and AISI 316L stainless steel for the food industry (MOCA): effect of the quality of backing gas on metal migration', Paper No. 163
	09:30-18:00	Exhibition Hall EXPO						
	20:00	Villa dello Zerbino - Gala Dinner						

CONFERENCE PROGRAM - Draft 31/01/2024

DATE	TIME	Rooms - 3rd Floor		Rooms - 2nd Floor			Room - 1st Floor
		Scirocco	Libeccio	Levante	Ponente	Aliseo	Bora
Tuesday June 11th		Energy Transition	Energy Transition	Cathodic Protection	Coating & Linings	Corrosion Inhibitors & Monitoring	CRA & Welding
		Carbon Capture	Hydrogen Service	Looking to the future	Corrosion Under Insulation		
		<i>Chair: R.Morana - M.Billingham</i>	<i>Chair: M.Palombo - L.Bacchi</i>	<i>Chair: S.Tremolada - P.Marcassoli</i>	<i>Chair: N.Wilds - C.Vie</i>	<i>Chair: I.Borsic - E.Bloomfield</i>	<i>Chair: B.Ghai - M.De Marco</i>
	08:30-08:55	B.H.Morland, G.Svennings, H.Sonke, 'Comparing impurity concentrations effect of both liquid and gas CO2 transport ', Paper No. 051	S.Cornu, 'H2 Pipeline: An ILI perspective to mitigate new threat', Paper No. 080	T.Bellezze, P.Forcellese, G.Giuliani, 'Study of cathodic protection inside domestic boilers to produce hot water', Paper No. 093	J.Tacq, 'Corrosion Under Insulation – Controlled testing of sensors for CUI monitoring and development of a methodology for CUI coating life evaluation', Paper No. 050	F.Hornsby, 'Pipeline corrosion inhibitor basic principles', Paper No. 062	O.Öhlin, D.Gullberg, 'Corrosion properties of the recently developed Super Duplex Stainless Steel UNS S83071', Paper No. 164
	08:55-09:20	A.Smith, L.Intiso, 'Hydrogen embrittlement in CCS pipelines: is it a concern?', Paper No. 124	O.H.Gasunie, B.Bezensek, L.Bacchi, P.Roovers, C.M.Spinelli, E.Bertelli, I.Di Vito, M.Di Biagio, A.Fonzo, G.Mannucci, 'EPRG full scale fatigue crack growth testing on linepipe materials in gaseous hydrogen', Paper No. 146	U.Marinelli, 'Machine learning in corrosion fields', Paper No. 118	D.Warren, 'A critical comparison of epoxy phenolic and alkylated amine epoxy technology for CUI service', Paper No. 134	E.Petteruti, 'Enhancing deepwater asset integrity: an integrated chemical strategy for corrosion inhibition in challenging environments', Paper No. 009	S.McCoy, B.A.Baker, 'The effects of industrial gases used in low emission energy processes upon the corrosion performance of nickel-base alloys', Paper No. 166
	09:20-09:45	R.Francis, 'The use of Nickel-containing alloys in CCUS applications', Paper No. 006	E.Wanzenberg, S.Höhler, C.Bosch, H.Brauer, D.Mirkovic, E.Muthmann, 'Mechanical testing of line pipe steels in hydrogen atmosphere', Paper No. 060	I.Magnifico, 'Deep optimization for Cathodic Protection: advanced technology for T/Rs output current optimization', Paper No. 067	A.Shaw, 'Keep it dry to prevent CUI', Paper No. 059	I.R.Boršič, I.Stojanović, M.Kurtela, V.Alar, B.A.Mikšič, 'VpCl for multimetal protection in heating systems', Paper No. 132	V.Dreilich, S.Souto Maior Tavares, A.Rocha Pimenta, 'Hydrogen impact on fracture toughness in a superduplex stainless steel flange for subsea use', Paper No. 167
09:45-10:10	Ky.Kanki, N.Komatsubara, M.Seo, H.Amaya, 'Corrosion resistance of CRA materials for CCS application with supercritical CO2 containing slight amount of O2 and SO2', Paper No. 032	A.Pagliuca, E.Imbimbo, A.Donato, L.Intiso, 'Slow strain rate test methodology to evaluate the temperature effect in hydrogen embrittlement environment', Paper No. 089	W.Maize, 'Applying Machine Learning to Predict Behavior and Consumption Rates of ICCP Groundbeds', Paper No. 111		S.Apuy, 'Integrating real time corrosion measurements with process data to enhance safety, reliability and profitability in refineries', Paper No. 049	K.Picker, 'Evaluation of the Stress Distribution and the Impact on Corrosion Properties of U-Bends in Different Materials Commonly used in Petroleum Refineries', Paper No. 168	
10:10-10:40	Coffee Break						

CONFERENCE PROGRAM - Draft 31/01/2024

DATE	TIME	Rooms - 3rd Floor		Rooms - 2nd Floor			Room - 1st Floor
		Scirocco	Libeccio	Levante	Ponente	Aliseo	Bora
Tuesday June 11th		Energy Transition	Energy Transition	Cathodic Protection	Coating & Linings	Corrosion Inhibitors & Monitoring	Durability of Reinforced Concrete
		Carbon Capture	Hydrogen Service	Commissioning & Monitoring	Corrosion Under Insulation		Chair: I.Borsic - E.Bloomfield
		<i>Chair: R.Morana - M.Billingham</i>	<i>Chair: L.Bacchi - G.Mannucci</i>	<i>Chair: V.Saviello - R.Ballerini</i>	<i>Chair: N.Wilds - C.Vie</i>		
	10:40-11:05	V.Scheiber, G.Néel, C.Millet, J.E.Greenwood, 'The impact of O2 as a gas impurity on the corrosion resistance of a CRA material in a supercritical CO2-saturated aqueous environment', Paper No. 078	L.Paterlini, G.Re, L.Vergani, M.Ormelese, 'Hydrogen embrittlement of a low alloy steel electrochemically charged', Paper No. 097	L.Spisni, 'Commissioning of a cathodic protection system of an existing gas distribution network - Interesting findings and energy efficiency approach', Paper No. 071	N.Wilds, 'Breaking the boundaries of CUI Coatings', Paper No. 011	E.Bloomfield, 'Practical use of simple corrosion coupons and probes in upstream oil field to optimize corrosion inhibitor dosage', Paper No. 153	Keynote Lecture (TBN)
	11:05-11:30	S.Zhou, S.Kairy, A.Turnbull, G.Hinds, 'Towards a standard test method for measurement of corrosion rate of pipeline steel in dense phase CO2', Paper No. 155	R.Valentini, L.Bacchi, F.Biagini, 'Hydrogen embrittlement preliminary laboratory characterization on API X52 for hydrogen service', Paper No. 090	M.Hardy, 'Specification, design, installation and commissioning of cathodic protection systems for mixed hazardous and non-hazardous locations', Paper No. 061	D.Morton, 'Advanced insulation coating system as a viable alternative to conventional thermal insulation that can eliminate corrosion under insulation (CUI)', Paper No. 024	R.Dones, 'Marine piling protection', Paper No. 012	
	11:30-11:55	E.Imbimbo, F.Sammartino, L.Intiso, 'Towards a sustainable society - Challenges on corrosion testing for CCS applications', Paper No. 142	Energy Transition Sour Service <i>Chair: L.Smith - B.Gandolfi</i> Keynote Lecture: M.E.Wilms, 'Novel cracking mechanism on quenched & tempered carbon steel line pipe exposed to sour service', Paper No. 156	D.Bufaloni, L.Mambelli, 'Empiric method to identify a/g isolation kit failure in plant piping', Paper No. 106	S.J.Kaspersen, 'How to test coating systems for CUI conditions', Paper No. 113	E.Parizot, P.Le Calvé, 'Risk assessment and optimization of corrosion maintenance', Paper No. 033	M.Carsana, A.Filippi, F.Lollini, N.Russo, E.Redaeli, 'Corrosion behaviour of reinforcement in RAP concrete exposed to chloride environment', Paper No. 091
	11:55-12:20	A.Dugstad, B.H.H.Morland, 'Corrosion rate of carbon steel exposed under stagnant conditions at 1-100 bar CO2 partial pressure', Paper No. 102	V.Dreilich, T.Hofman, J.Vera, I.Palmieri, J.Adailson, Z.Panossian, J.Alejandro, 'Challenges of testing CO2 stress corrosion cracking in small scale', Paper No. 137	I.Magnifico, L.Spisni, '100 mV shift criterion application in a Gas Distribution Network by means of coupon', Paper No. 066	T.Van Hoestenbergh, T.Van Caelenberghe, 'Fiber optics technology as predictive maintenance tool in the battle against CUI', Paper No. 107	A.Tindall, S.Farnie, J.Sutherland, S.Clouston, 'Addressing complex and axially aligned corrosion with MFL technologies and benefits of tri-axial methods', Paper No. 140	N.Russo, E.Redaeli, F.Lollini, 'Propagation time of carbon steel bars in carbonated concrete made with different binders', Paper No. 092
12:20-12:45	B.H.Morland, A.Dugstad, 'Electrochemical measurement in dense phase CO2 for commissioning and upset condition', Paper No. 052	J.Moloney, 'Top-of-the-line continuous corrosion inhibitor development for carbon steel pipelines', Paper No. 022	A.Brenna, S.Beretta, M.Ormelese, F.Martini, A.Nandi, M.Venere, 'Design and testing of a potential probe with internal solid backfill for cathodic protection monitoring', Paper No. 029			D.Garcia, S.Deharo, R.François, 'Estimating service life of reinforced concrete structures exposed to various chloride environments through calculation of corrosion initiation period', Paper No. 150	
12:45-14:00	Lunch						

CONFERENCE PROGRAM - Draft 31/01/2024

DATE	TIME	Rooms - 3rd Floor		Rooms - 2nd Floor			Room - 1st Floor
		Scirocco	Libeccio	Levante	Ponente	Aliseo	Bora
Tuesday June 11th		Energy Transition Renewables	Energy Transition Sour Service	Failure Case Studies	Microbiologically Influenced Corrosion	Automotive Industry	Durability of Reinforced Concrete
		<i>Chair: S.Le Manchet</i>	<i>Chair: L.Smith - B.Gandolfi</i>	<i>Chair: P.Dent - I.Giroletti</i>	<i>Chair: E.Croese - P.Cristiani</i>	<i>Chair: F.Bertasi</i>	<i>Chair: M.Gastaldi - F.Lollini</i>
	14:00-14:25	Keynote Lecture (TBN)	S.Easapour, M.Fouladi, 'Occurrence of sour TLC in multiphase offshore pipelines - Part 1: Effect of sour TLC on motivating environmental cracking - A case study on recovered pipes', Paper No. 110/A	S.U.Niaz Bukhari, 'A case study on the failure of a sulfuric acid storage tank', Paper No. 171	C.A.Di Iorio, S.Franci, R.Bontrager, F.Pitzalis, 'Microbiologically Influenced Corrosion: Eni's holistic approach for better MIC management – A case study', Paper No. 053	N.Nocera, C Carrubba, B.Tsyupa, A.Piglione, P.Della Bella, S.Russo, F.Bertasi, A.Bonfanti, A.Mancini, 'Multi-technique approach for characterization of functional thin coatings', Paper No. 041	G.Di Pace, R.Torrent, J.F.Segui, 'Service life of reinforced concrete structures in marine environments using non-destructive site methods', Paper No. 048
	14:25-14:50	B.Buhr, 'How do you take sustainability into account during design?', Paper No. 104	M.Fouladi, S.Easapour, 'Occurrence of sour TLC in multiphase offshore pipelines - Part 2: Dependency of sour TLC to water condensation rate and temperature - A case study on multiphase offshore pipelines', Paper No. 110/B	S.E.Ibrahim, 'Failure analysis of a failed heat exchanger tube bundle in a hydrocracker unit', Paper No. 076	E.Croese, R.Homan, S.Jansen, J.Gerritse, 'Activity of Microbiologically Influenced Corrosion in offshore wind industry – A case study', Paper No. 069	M.Motta, A.Truccolo, V.Iodice, A.Sin, L.Fedrizzi, F.Andreatta, 'Study of the role of metals in stiction phenomenon of braking systems for automotive use', Paper No. 044	M.Gastaldi, B.Schallock, 'Monitoring of reinforcement corrosion for maintenance of reinforced concrete structures – The case of San Siro Stadium in Milano', Paper No. 095
	14:50-15:15	J.Höwing, 'Sanicro 35 as alternative to nickel base alloys in renewable processes', Paper No. 004	L.Torri, P.Policarpo, S.Franci, M.E.Gennario, A.Pontarollo, F.Cena, 'Heavy wall thickness carbon steel pipelines in sour service: performances and characterization in H2S environments', Paper No. 169	M.De Marco, E.Ferrari, L.Calandriello, 'Premature corrosion of a titanium gasket in organic acid environment', Paper No. 037	N.Hermes, A.Dhont, M.Salta, J.De Strycker, D.Helder, 'Failure analysis of microbiologically influenced corrosion (MIC) in industrial water distribution systems', Paper No. 075	M.Daga, M.A.Abello, A.Bonfanti, F.Bertasi, 'Influence of Iron and Manganese on the corrosion resistance and anodizability of recycled Aluminum alloys', Paper No. 072	F.T.Isfhani, C.Beltrami, F.Lollini, E.Redaeli, 'Numerical simulation for the durability assessment of a mechanical system partially embedded in concrete', Paper No. 139
	15:15-15:40	C.Baccarini, M.Pesce, 'Co-processing: new alternatives', Paper No. 138	K.Terada, Y.Matsui, H.Imanaka, T.Fujiwara, D.Izumi, 'Development of non-destructive hardness evaluation technique for surface of TMCP steel plates', Paper No. 056	T.Kamshad, 'The Selection and modification of piping materials in a bulk chemical handling facility in joint operation wafra (Case Study)', Paper No. 094	W.H.Moi, 'Revolutionizing asset management in Malaysia: cutting-edge strategies for MIC mitigation', Paper No. 021	M.Yasir, 'The rise of electrification, challenges & opportunities with metallic materials in hydrogen technologies', Paper No. 117	A.Cheaitani, M.Cheytani, S.Cheytani, 'The latest innovations associated with impressed current concrete cathodic protection systems', Paper No. 038
15:40-16:20	Coffee Break						

CONFERENCE PROGRAM - Draft 31/01/2024

DATE	TIME	Rooms - 3rd Floor		Rooms - 2nd Floor			Room - 1st Floor
		Scirocco	Libeccio	Levante	Ponente	Aliseo	Bora
Tuesday June 11th		Energy Transition	Energy Transition	Failure Case Studies	Microbiologically Influenced Corrosion	Automotive Industry	Durability of Reinforced Concrete
		Renewables	Sour Service				
		<i>Chair: S.Le Manchet</i>	<i>Chair: L.Smith - B.Gandolfi</i>	<i>Chair: P.Dent - I.Giroletti</i>	<i>Chair: E.Croese - P.Cristiani</i>	<i>Chair: F.Bertasi</i>	<i>Chair: M.Gastaldi - F.Lollini</i>
	16:20-16:45	S.Cissé, F.Novello, M.Borges, E.Robin, S.Le Manchet, 'High temperature corrosion resistance of heat resistant stainless steels for waste incineration and solar applications', Paper No. 005	J.Shimamura, D.Izumi, S.Takagi, Y.Matsui, N.Ishikawa, J.Kondo, 'SSC resistant X65 UOE linepipe for severe sour environment', Paper No. 074	M.Al Ashtar, H.Zurgani, O.Sherif, A.Aljabri, R.S.Siriki, M.Almoghrabi, 'Failures of chemical injection skids due to incompatible material with chemicals - case study', Paper No. 103	A.Maloveczky, J.Kniesz, 'Fostering synergy: representing the importance of bridging the gap between industrial practitioners and scientific experts in microbiologically influenced corrosion management – Presented through a sprinkler system case study', Paper No. 040	M.A.Abello, M.Daga, A.Bonfanti, F.Bertasi, 'Corrosion science applied to braking systems: recent achievements and future perspectives', Paper No. 031	P.McCloskey, D.Simpson, G.Sergi, 'Long-term performance of galvanic anodes for steel reinforced concrete', Paper No. 065
	16:45-17:10	M.Attarchi, J.L.Madsen, 'Analyzing the design assumptions in retrofitting the internal corrosion protection of wind turbine monopile foundations in seawater', Paper No. 082	I.Kinnear, C.Cartwright, 'Overcoming the challenges posed by pipeline and flange corrosion while ensuring optimal performance and reducing downtime', Paper No. 144	M.Harris, 'Failure analysis of radiant tube in ethylene furnace', Paper No. 025	L.Murachelli, A.Vicenzo, M.Bestetti, P.Cristiani, 'Monitoring of microbial corrosion in soil by means of an advanced multiparametric probe', Paper No. 129	M.Bestetti, A.L.Huspek, V.Mataloni, Yu.H.Akhmadeev, E.A.Petrikova, F.Ivanov, P.V.Moskvin, N.N.Koval, 'Anodic oxidation of aluminium-silicon alloys pretreated by pulsed electron beams', Paper No. 161	H.Beirami, M.Sem, S.Ambrosi, F.Laino, 'Cathodic protection of Reinforced Concrete Bridges Using Adhesive Zinc Sheet Anodes', Paper No. 108
	17:10-17:35	C.Mingazzini, A.Pierro, T.Giambartolomei, 'Maintenance protocols for recently developed, more sustainable, off-shore composite wind blades', Paper No. 099	S.Mukadam, A.Al-Hashem, 'Mitigation of corrosion in Oil and Gas Production Facilities by Corrosion Resistant Alloys', Paper No. 058	A.Scatena, 'Failure Analysis of a Hot Stove ', Paper No. 130	P.Cristiani, Elena Cazzulani, G.Ghiara, A.Franzetti, G.L.Chiarello, 'Microbial fingerprint of corrosion in copper and steel alloys under varying treatments in enriched hydrogenotrophic media', Paper No. 035	R.Valentini, S.Corsinovi, M.Mastroianni, 'Hydrogen Embrittlement Risk Investigation on High Strength Steel Fasteners', Paper No. 162	T.Male, G.Sergi, 'The use of galvanic surface anodes for the protection of steel reinforced concrete', Paper No. 085
	17:35-18:00	I.Zuazo, S.Pillot, 'Steels for the global energy transition', Paper No. 128	T.Auinger, 'Alternative CRA solutions for clad line pipe', Paper No. 018	I.Giroletti, M.de Marco, 'Failure of a district heating water tank investigated with non-destructive techniques', Paper No. 154	T.Unsal, S.Yucel, N.Caglar, A.Aksu, O.S.Taskin, M.E.Cetintasoglu, I.R.Bilgin, D.O.Rabba, 'What is happennig on Mars?', Paper No. 101		S.Deharo, D.Garcia, R.François, 'Enhanced cathodic protection depth through the combination of discrete anodes and electroconductive coating in reinforced concrete', Paper No. 149
18:00-19:00	Closing Remarks and Farewell Cocktail						
10:00-19:00	Exhibition Hall EXPO						