



AMPP[™]
CHAPTER **ITALY**

GENOA, ITALY
9-11 June 2024

3rd Conference & Expo 2024

Sharing knowledge, the way to go!

“An International event for the Corrosion Prevention”



**CONFERENCE PROGRAM
AND EXHIBITION INFO**

www.amppitaly.org/genoa/2024

INTRODUCTION

AMPP Italy Chapter are proud to announce the Conference & Expo 2024. This is the 3rd European event, being the first organized in 2016, second in 2018, again in Genoa, Italy.

The Conference & Expo 2024 aims to offer an unique opportunity:

- To interface with researchers, engineers, end-users, facility owners, technicians and experts, representatives of leading organizations and companies from various disciplines and industries.
- To share the latest information on current issues, technologies under development, full-scale experiences, available equipment and products.
- To consider and discuss directions able to deliver innovative and sustainable solutions which address challenges in the fields of corrosion management.

GENERAL INFORMATION (Items in alphabetic order)

BADGES

Conference badges should be worn by all participants at all times during the meeting and visiting the exhibition area.

No badge, no entry!

USB FLASH DRIVE WITH ABSTRACTS

All accepted contributions are collected in a USB flash drive and distributed at Registration Desk to all Conference registered attendees.

CONFERENCE VENUE

Porto Antico di Genova - Centro Congressi Porto Antico
Module 8 level 2
16128 Genova, Italy

LANGUAGE

English will be the official language.

ORGANIZING SECRETARIAT

Studio BC
Via SS. Giacomo e Filippo 35-1 - 16122 Genova
tel +39 010 09 838 60
segreteria@studiobc.it

SLIDE

Speakers are kindly invited to submit their slides at least 1 hour before their scheduled speech at Speakers Ready Room, module 9 level 3.

Office® and adobe acrobat reader® will be at speakers' disposal for the presentation. Presentations shall be uploaded on the conference room computer by an appropriate portable hardware (USB keys are strongly recommended), before the beginning of each session.

Please, contact the session chairperson with sufficient notice, to allow for schedule arrangement and check.

The conference program is updated to May 6th, 2024.

Any variation will be reported on screen panels located in the Conference Hall.

ORGANIZING COMMITTEE

STUART BOND - AMPP

MARCO CATTALINI – CorE

MARIO CELANT – Pipe Team

IVANO MAGNIFICO - Automa

MANUELA MALFANTI – IMC Engineering

ROBERTO MALFANTI – IMC Engineering

UGO MARINELLI – F.M. Engineering

MARCO ORMELLESE – Politecnico di Milano

VINCENZO SAVIELLO - Saipem

Time for presentations is 20 minutes presentation + 5 minutes discussions inclusive of a limited time for possible questions and discussion.

Due to the schedule and events organization, each author shall strictly remain within the scheduled time. For info, questions or clarification about presentations and available software, please contact the Organizing committee.

REGISTRATION - INFORMATION - HELP DESK

Module 8 level 2

Opening hours

Sunday, June 9: 14.00-19.00

Monday, June 10: 08.00-19.00

Tuesday, June 11: 08.00-19.00

Registration package

Registration package for **participants** includes

- admission to the scientific sessions and exhibition
- USB flash drive with with extended abstracts and PDF's of presentation slides
- final programme
- coffee and lunch during breaks
- welcome cocktail (Sunday, June 9)

The registration for **accompanying persons** includes

- admission to the exhibition area
- welcome cocktail (Sunday, June 9)
- Genova City tour with guide and light lunch (Monday, June 10)

TAXIS

Taxis cannot be booked but easily found by calling +39 0105966

WI-FI

Available for all conference attendees

Network: Centro_Congressi

Password: FMENGINEERING

SOCIAL PROGRAMME



Sunday, June 9, 19.00 - 21.00

WELCOME COCKTAIL

Magazzini del Cotone (module 8 level 2)

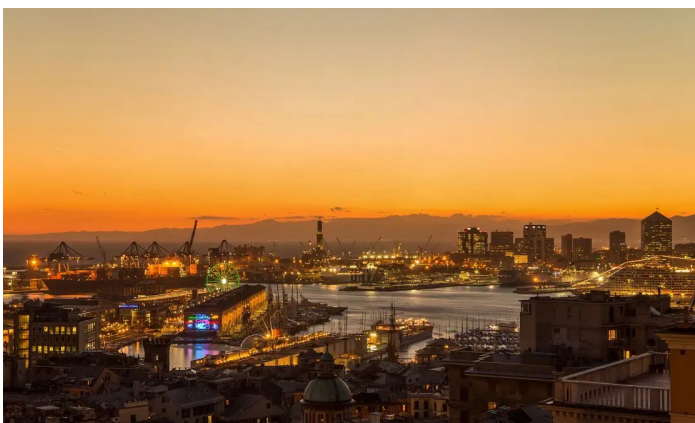
Few European convention centres can boast such an attractive setting as the Magazzini del Cotone, (cotton warehouses), situated on the docks in the old port area. Modern meeting rooms and high standard technical equipment in the attractive Porto Antico. This is the heart of Genova and its medieval quarter was masterfully redeveloped and restored to the city by world famous Genoese architect Renzo Piano.

The Porto Antico area is the ideal venue for conferences, meetings and other events. It also offers visitors a broad range of leisure activities enjoyable between work sessions or if you decide to stop over for a few days.

Unexpected Genoa

Creativity, initiative, originality define what the city offers and what has always attracted the conference industry. The old town, World Heritage UNESCO, right next to the conference venues, is like a stage where the "curtains" are the Renaissance architecture of the noble palaces, squares and churches.

A city of gatherings, of art and of history, a city with a cosmopolitan, modern and international flavour.



Monday, June 10, 20.00

GALA DINNER

Villa dello Zerbino

Villa dello Zerbino is one of the residences that best attests to the historical and artistic wealth of the aristocratic Genoese families during the most resplendent period of the Republic, called the Siglo de Los Genoveses by the historian Fernand Braudel. Built in the sixteenth century by the Balbi family, the villa owes its name to its peculiar location outside the city walls, in the midst of unkempt fields called "zerbi" in the Genoese dialect.

However, following the urban revolutions of the nineteenth century, today the villa is fully integrated in the urban context. Overlooking the city from its elevated position, the garden that faces the historic center offers a spectacular panoramic view of the City of Genoa.

In the early eighteenth century the ownership of the property passed from Giacomo Balbi to Marcello III Durazzo. There was a major expansion of the gardens, which have stayed almost unchanged from their original state, and are still today one of the largest private urban parks in northern Italy.



ACCOMPANYING PROGRAMME



In order to make attendees participation rewarding & meaningful and their stay in Genova as enjoyable as possible, the Local Organising Committee have created an exciting Accompanying Person's Package. Registered accompanying persons are invited to attend the Welcome Reception, and can purchase a ticket to attend the Gala Dinner. The package also includes a tour of the most beautiful and attractive places in Genova with light lunch.

Genova city tour with guide

Monday, June 10

Meeting point by Registration Desk - Conference Venue at 09.30

PROGRAM AT A GLANCE

 AMPP							3rd	Conference & Expo 2024 Sharing knowledge, the way to go! <i>"An International event for the Corrosion Prevention"</i>			 AMPP ITALY CHAPTER Genoa, 9-11 June 2024	
Sunday June 9 th	15:30-17:00	Room Levante - 2nd Floor General Annual Meeting of AMPP ITALY CHAPTER (reserved to AMPP Italy Chapter Members)										
	17:00-18:00	Room Zefiro - 2nd Floor AMPP European Area Task Force Meeting (reserved to AMPP delegates)										
	18:10-18:50	Room Levante - 2nd Floor Plenary Lecture - <i>AMPP generating its future STRONGER TOGETHER</i>										
	17:00-21:00	2nd Floor - Registration										
	19:00-21:00	2nd Floor - Exhibition Opening and Welcome Cocktail										
Monday June 10 th	08:30-08:45	Room Scirocco & Libeccio - 3rd Floor - Opening Remarks										
	08:45-09:20	Plenary Lecture - Alan Thomas - AMPP CEO - <i>AMPP Reimagined</i>										
		Rooms - 3rd Floor		Rooms - 2nd Floor		Room - 1st Floor						
		Scirocco	Libeccio	Levante	Ponente	Aliseo	Bora					
	09:20-10:10	Energy Transition Carbon Capture Keynote Lecture		Cathodic Protection Keynote Lecture	Coating & Linings Keynote Lecture	Applied Research in Academia Keynote Lecture	CRA & Welding Keynote Lecture					
	10:10-10:45	Coffee Break										
	10:45-12:25	Energy Transition <i>Carbon Capture</i>	Energy Transition <i>Sour Service</i>	Cathodic Protection <i>Onshore</i>	Coating & Linings <i>Renewables</i>	Applied Research in Academia	CRA & Welding					
	12:25-14:00	Lunch										
	14:00-16:05	Energy Transition <i>Carbon Capture</i>	Energy Transition <i>Sour Service</i>	Cathodic Protection <i>Offshore</i>	Coating & Linings <i>Standards and Qualification</i>	Applied Research in Academia	CRA & Welding					
	16:05-16:30	Coffee Break										
	16:30-18:10	Energy Transition <i>Carbon Capture</i>	Energy Transition <i>Sour Service</i>	Cathodic Protection <i>Management of Interference</i>	Coating & Linings <i>Application & Maintenance</i>	Applied Research in Academia	CRA & Welding					
	09:30-19:00	Exhibition Hall EXPO										
20:00	Villa dello Zerbino - Gala Dinner											
Tuesday June 11 th	08:30-10:10	Energy Transition <i>Carbon Capture</i>	Energy Transition <i>Hydrogen Service</i>	Cathodic Protection <i>Looking to the future</i>	Coating & Linings <i>Corrosion under insulation</i>	Corrosion Inhibitors & Monitoring	CRA & Welding					
	10:10-10:40	Coffee Break										
	10:40-12:45	Energy Transition <i>Carbon Capture</i>	Energy Transition <i>Hydrogen Service</i>	Cathodic Protection <i>Commissioning & Monitoring</i>	Coating & Linings <i>Corrosion under insulation</i>	Corrosion Inhibitors & Monitoring	Durability of Reinforced Concrete					
	12:45-14:00	Lunch										
	14:00-15:40	Energy Transition <i>Renewables Energies</i>	Energy Transition <i>Hydrogen Service</i>	Failure Analysis	Microbiologically Influenced Corrosion	Automotive Industry	Durability of Reinforced Concrete					
	15:40-16:20	Coffee Break										
	16:20-18:30	Energy Transition <i>Renewables Energies</i>	Energy Transition <i>Hydrogen Service</i>	Failure Analysis	Microbiologically Influenced Corrosion	Automotive Industry	Durability of Reinforced Concrete					
18:30-19:30	Closing Remarks and Farewell Cocktail											
09:30-19:30	Exhibition Hall EXPO											

SESSION AND CHAIRMAN



Session	Chairman
Applied Research on Corrosion in Academia	Fabio Bolzoni - Politecnico di Milano
	Sanja Martinez - Zagreb University
Automotive Industry	Federico Bertasi - Brembo
Carbon Capture and Storage	Mike Billingham - Larkton
	Roberto Morana - BP
Cathodic Protection	Roberto Ballerini - APCE
	Ivano Magnifico - Automa
	Paolo Marcassoli - Cescor
	Vincenzo Saviello - Saipem
	Simone Tremolada - De Nora
Coatings & Linings	Charlotte Vie - BP
	Malfanti Manuela - IMC
	Marie Halliday – Element
	Neil Wilds - Sherwin Williams
	Piero Donelli – Impresa Donelli
Corrosion Inhibitors & Monitoring	Ivana Radic Borsic - Cortec
	Evan Bloomfield - Vermilion Energy
Corrosion Resistant Alloys and Welding	Barinder Ghai – Alleima
	Marco de Marco – IIS
Durability of Reinforced Concrete	Federica Lollini - Politecnico di Milano
	Matteo Gastaldi - Politecnico di Milano
Failure Case Studies	Igor Giroletti – Omeco
	Phil Dent – Element
Hydrogen Service	Luca Bacchi – Snam Rete Gas
	Gianluca Mannucci - RINA CSM
	Marco Palombo - H2 IIS Sider
Miobiologically Influenced Corrosion	Elsemieck Croese – Microbialanalysis
	Pierangela Cristiani – RSE
Renewable Energies	Sandra Le Manchet – ArcelorMittal
Sour Service Pipelines	Bianca Gandolfi – EniProgetti
	Liane Smith – Larkton
Student Session (Posters)	Amir Eliezer - AMPP Past President
	Marco Ormellese - Politecnico di Milano
	Stuart Bond - AMPP European Global Manager

CONFERENCE PROGRAM

Sunday - June 9th	15:30-17:00	Room Levante - 2nd Floor General Annual Meeting of AMPP ITALY CHAPTER (reserved to AMPP Italy Chapter Members)				
	17:00-18:00	Room Zeffiro - 2nd Floor AMPP European Area Task Force Meeting (reserved to AMPP delegates)				
	18:10-18:50	Room Levante - 2nd Floor Plenary Lecture - Amir Eliezer - AMPP Past Immediate Chair - "AMPP generating its future STRONGER TOGETHER"				
	19:00-21:00	Exhibition Hall WELCOME COCKTAIL and EXPO GRAND OPENING				
POSTER SESSION						
Sunday to Tuesday June 9th-11th		F.Ceriani, L.Casanova, A.Brenna, M.Ormelese - Politecnico di Milano - Italy, "Sealing post-treatments of coatings produced by plasma electrolytic oxidation (PEO) on aluminum 2024"	E.Messinese, M.Ormelese, A.Brenna - Politecnico di Milano - Italy, "Corrosion rate estimation under sweet corrosion conditions: use of the Tafel-Piontelli model"	B.M.Schallock, M.Gastaldi - Politecnico di Milano - Italy, "Effectiveness of accelerated test methods used to evaluate the resistance to chlorides penetration on coated concrete"	L.Paterlini, G.Re, F.Bolzoni, L.Vergani, M.Ormelese - Politecnico di Milano - Italy, "Measurement of hydrogen diffusion coefficient in steel by electrochemical permeation methods and its employment in FEM simulations"	E.Grifasi, F.Boragina, C.Criaco, C.Rossi, P.Piccardo, R.Spotorno - Genoa University - Italy, "Correlation between heat treatment, mechanical and corrosion resistance of 3D printed AISI 316L by laser powder bed fusion"
		A.Kořkowska, A.Olesiński, A.Maciej, A.Stolarczyk, A.Błacha-Grzechnik, M.Sowa, W.Simka - Gliwice University - Poland, "Corrosion resistance of surface-modified NiTi alloy"	J.Grzonka, A.Olesiński, P.Chulkin, M.Bik, P.Jeleń, M.Sowa, W.Simka - Silesian University of Technology - Poland, "Post-treatment of plasma electrolytic oxidation coatings on 6061 aluminum alloy promoted by soft sparking"	L.Nani, M.Cabrini, S.Lorenzi, C.Sergi, T.Pastore - Bergamo University - Italy, "Effect of different additive manufacturing techniques on the microstructure and corrosion resistance of Ti-6Al-4V alloy"	M.Ahmad, L.Paglia, F.Marra, V.Genova, G.Pulci - University of Rome - Italy, "High temperature degradation mechanism of gas turbine engine components operating with unconventional fuels"	A.Elghani - De Montfort University - UK, "Reliability of response surface methodology for predicting optimum spot-welding parameters"

CONFERENCE PROGRAM

Monday - June 10th

Room Scirocco & Libeccio - 3rd Floor						
08:30-08:45	Opening Remarks					
08:45-09:20	Plenary Lecture - Alan Thomas - AMPP CEO - <i>AMPP Reimagined</i>					
	Rooms - 3rd Floor		Rooms - 2nd Floor			Room - 1st Floor
	Scirocco	Libeccio	Levante	Ponente	Aliseo	Bora
	Energy Transition	Energy Transition	Cathodic Protection	Coating & Linings	Applied Research in Academia	CRA & Welding
	Carbon Capture	Sour Service	Onshore	for Renewable Energies		
	<i>Chair: R.Morana - M.Billingham</i>	<i>Chair: L.Smith - B.Gandolfi</i>	<i>Chair: V.Saviello - I.Magnifico</i>	<i>Chair: C.Vie - M.Malfanti</i>	<i>Chair: F.Bolzoni - S.Martinez</i>	<i>Chair: B.Ghai - M.De Marco</i>
09:20-09:45	Srdjan Nestic Ohio University <i>Corrosion of Carbon Steel in CO2 Environments</i>		Ugo Marinelli F.M. Engineering <i>Machine learning in corrosion fields</i>	Kristin Leonard AMPP Global Center Chair <i>Quality and the Future of Coatings & Linings</i>	Pascal Collet European Federation of Corrosion <i>EFC - A Federation of opportunities</i>	Roger Francis Nickel Institute <i>Selecting Stainless Steels for industrial processes: the importance of Redox Potential</i>
09:45-10:10			Round Table <i>Is there an environmental impact of CP? A necessary discussion before standardization</i>		Fabio Bolzoni Politecnico di Milano Edoardo Proverbio Università degli Studi di Messina <i>Corrosion education in Italian Universities and scientific societies</i>	
10:10-10:45	Coffee Break - Exhibit Hall					
10:45-11:10	M.Billingham, L.Smith - Larkton - UK, "The Carbon Capture challenges - Projects and materials selection impact", Paper No. 019	C.Bosch, T.Haase - Europipe - Germany, "SSC performance of TMCP-based large-diameter pipes in high H2S partial pressure environments", Paper No. 173	M.De Marco, E.Ferrari, E.Adile, F.F.Wu - Istituto Italiano della Saldatura - IIS - Italy, "Internal corrosion damages close to monolithic isolation joints placed above ground in a pig traps", Paper No. 036	M.Harrison, M.Banks, L.Egensperger, E.Bidwell, N.P.Wickramaratne, P.Liu - Sherwin-Williams - UK, "Tank lining challenges for the switch to renewable feedstocks", Paper No. 001	L.Gritti, S.Lorenzi, D.Coffetti, M.Pelucchi, M.Cabrini, T.Pastore - Bergamo University - Italy, "Determination of the concentration of diffusible hydrogen in pipeline steels: comparison between degassing and desorption methods", Paper No. 119	B.S.Vieira, J.Höwing - Alleima - Sweden, "UNS N08935 - Bridging the gap between stainless steels and nickel alloys", Paper No. 002
11:10-11:35	H.Mahgerefteh, S.Martynov, S.Brown - UCL London - UK, "Impact of CO2 stream impurities on ductile and brittle fractures in CO2 pipelines", Paper No. 077	J.Shimamura, D.Izumi, Y.Matsui, N.Ishikawa, J.Kondo - JFE - Japan, "SSC resistant X65 UOE linepipe for severe sour environment", Paper No. 074	C.Ruppi - Alfa Engineering - Italy, "Calculation of current leakage and capacitive value of dielectric joints", Paper No. 141	K.Blankenship, J.Lawson - Carboline - USA, "Corrosion protection systems to extend service life and reduce embodied carbon of offshore wind towers", Paper No. 047	B.Ter-Ovanessian, S.Marcelin, B.Normand, J.Galipaud, Z.Zhang - Insa-lyo - France, "Electrochemical impedance spectroscopy investigation of the role of alloying elements (Cr, Fe) on the passive film properties of Ni based alloys", Paper No. 081	C.Tigerstrand, S.Hägg Mameng, M.Frigo - Outokumpu - Finland, "Atmospheric corrosion resistance of as-delivered and fabricated duplex stainless steel: results of a field exposure in Italy", Paper No. 015
11:35-12:00	D.Sandana, I.Lopez, D.Wynne - Rosen - UK, "Management of the cracking threat in CO2 pipelines", Paper No. 112	Y.Nomura, T.Fujishiro, N.Yoshimura, T.Muraki - Nippon Steel - Japan, "Effect of tempering on sour-resistant line pipe with excellent low-temperature toughness", Paper No. 178	S.Javia - Matcor - USA, "Above ground storage tank - Case study of a linear anode based cathodic protection system on new and existing tank.", Paper No. 158	R.Holliday - PPG - UK, "High pressure hydrogen gas jet fires - Can in intumescent coating withstand the heat and erosive forces involved?", Paper No. 121	S.Lorenzi, T.Persico, D.Asperti, M.Cabrini, F.Brevi, T.Pastore - Bergamo University - Italy, "Corrosion behavior and material qualification pathway of Alloy 625 manufactured by different additive manufacturing technologies", Paper No. 126	M.De Marco, E.Adile - Istituto Italiano della Saldatura - IIS - Italy, "High temperature performance of alloy UNS S30815 welded joints", Paper No. 039
12:00-12:25	A.Gingell, S.Pillot, S.Le Manchet, J-C.Gagnapain - Industeel ArcelorMittal - France, "Materials for carbon capture and storage", Paper No. 182	J.Moloney - ChampionX - USA, "Development of a versatile continuous application based corrosion inhibitor to mitigate top-of-the-line corrosion under both sweet and sour operating conditions", Paper No. 022	M.Hardy - Cathodic Protection - UK, "Specification, design, installation and commissioning of cathodic protection systems for mixed hazardous and non-hazardous locations", Paper No. 061	H.Duckworth - AkzoNobel - UK, "CSP mitigation against Liquid Hydrogen Exposure", Paper No. 133	A.Rahma - National Institute of Technology Srinagar - India, "Study of high temperature oxidation behaviour of nanostructured Co-Al and Cr/Co-Al coatings on superin-718 substrate in adverse environment", Paper No. 013	J.Höwing, O.Öhlin - Alleima - Sweden, "UNS N08935 as alternative to nickel base alloys in renewable processes", Paper No. 004
12:25-14:00	Lunch Break - Exhibit Hall					
13:00-15:30	Poster Session Presentation by Authors - Module 5 - Exhibit Hall					

CONFERENCE PROGRAM

CONFERENCE PROGRAM							
		Rooms - 3rd Floor		Rooms - 2nd Floor			Room - 1st Floor
		Scirocco	Libeccio	Levante	Ponente	Aliseo	Bora
		Energy Transition Carbon Capture <i>Chair: R.Morana - M.Billingham</i>	Energy Transition Sour Service <i>Chair: L.Smith - B.Gandolfi</i>	Cathodic Protection Offshore <i>Chair: I.Magnifico - V.Saviello</i>	Coating & Linings Standards & Qualification <i>Chair: C.Vie - M.Halliday</i>	Applied Research in Academia <i>Chair: F.Bolzoni - S.Martinez</i>	CRA & Welding <i>Chair: B.Ghai - M.De Marco</i>
Monday - June 10th	14:00-14:25	Marc Wilms Shell International <i>Corrosion concerns in</i> <i>Carbon Capture and Sequestration</i> <i>projects -</i> <i>A call for action</i>	S.Easapour, M.Fouladi - Pars Oil and Gas Company - Iran, "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	P.Marcassoli, S.Pighi, M.Poldi, M.Tironi, L.Torri - Cescor - Italy, "FEM and BEM modelling application in cathodic protection design and retrofitting: optimization scenarios", Paper No. 003	F.de Smet, H.de Vries - Montipower - Netherlands, "How to control hexavalent chromium exposure during coating rehabilitation activities, a study into to minimise exposure risks during surface preparation activities", Paper No. 042	L.Casanova, M.Menegazzo, F.Goto, M.Pedefferri, L.Duò, M.Ormelese, G.Busetti - Politecnico di Milano - Italy, "Studying the activation of titanium in sulfuric acid by in-situ techniques", Paper No. 014	B.Holmes, D.Holiver, C.Punshon, S.Smart, E.Broughton - TWI - UK, "Corrosion performance of electron beam welded duplex stainless steel", Paper No. 109
	14:25-14:50		M.Fouladi, S.Easapour - Nargan - Iran, "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	L.Cafferata - Polipodio - Italy, "Evolution in the application of the galvanic anodes with the recent regulations and the development of the protective coatings", Paper No. 147	A.M.Dam - Damcoating - Netherlands, "Developments in international standards", Paper No. 073	S.Lorenzi, M.Locatelli, D.Asperti, L.Nani, T.Persico, M.Cabrini, T.Pastore - Bergamo University - Italy, "Intergranular corrosion assessment and stress corrosion cracking susceptibility of high strength aluminium alloys supported by DIC technique", Paper No. 125	S.Rossi, S.M.Leso, M.Calovi, M.Fedel - Trento University - Italy, "Investigation into the corrosion characteristics of stainless steel in the food industry", Paper No. 115
	14:50-15:15		E.Torselletti, A.Canestrari, D.Scarsciafratte, A.Ferrulli, E.Aloigi, A.Di Felice - Saipem - Italy, "CO2 transport through pipelines - A proposed design approach for linepipe sizing requirements", Paper No. 008	L.Torri, P.Policarpo, S.Franci, A.Pontarollo, M.E.Gennario, F.Tedesco, F.Cena - Eni - Italy, "Heavy wall thickness performances and characterization in H2S environments", Paper No. 169	E.Martinelli, G.Martinelli, V.Genco - ICP Foundry - Italy, "Production methods of galvanic anodes for marine applications", Paper No. 034	M.Castano - EniProgetti - Italy, "Qualification approaches for coatings for buried or submerged pipelines used in pipeline transportation systems. Some interesting introductions from ISO 21809 series.", Paper No. 136	F.Ceriani, L.Casanova, A.Brenna, M.Ormelese - Politecnico di Milano - Italy, "Incorporation of Nano-Particles in Plasma Electrolytic Oxidation (PEO) Coatings Produced on Aluminum Alloys", Paper No. 027
	15:15-15:40	A.Bologna, P.Rigamonti, M.Fortis, A.Gottardi, B.Strauss - Tecma - Italy, "Latest ILLI technology enables the utilisation of existing infrastructure to accelerate a CCS project", Paper No. 023	K.Terada, Y.Matsui, H.Imanaka, T.Fujiwara, D.Izumi - JFE - Japan, "Development of non-destructive hardness evaluation technique for surface of TMCP steel plates", Paper No. 056	T.Castillo, J.Warner - Dairyland - USA, "Introduction to DC decouplers", Paper No. 087	F.Castelli, M.Delucchi, F.Valenza, F.Garaventa, M.Faimali, T.Turturro, M.Losurdo, A.Benedetti - CNR - Italy, "How ICCP anodes affect nearby biocide-free foul control paints for ships' hulls", Paper No. 046	S.Nazar, E.Proverbio - University of Messina - Italy, "Numerical modeling of hydrogen induced cracking in hydrogen transportation systems", Paper No. 160	C.Herrera, M.Seifert - Deutsche Edelsahlwerke SpecialtySteel - Germany, "High strength austenitic stainless steels for hydrogen applications at high pressure", Paper No. 135
	15:40-16:05	G.Mannucci, G.Malatesta, L.Mancini, A.Smith, A.Fonzo, S.Olcese, L.Gaggero, F.Fratoni, F.M.Travaglia, S.Groppi, S.Zanzi - Rina-CSM - Italy, "Ravenna CCS project - Repurposing of existing offshore upstream pipelines for CO2 transportation", Paper No. 180	M.Wilms - Shell International - Netherlands, "Novel cracking mechanism on quenched & tempered carbon steel line pipe exposed to sour service", Paper No. 156	A.Del Moro, U.Marinelli - F.M. Engineering - Italy, "Impact of super-performance coatings on cathodic protection and AC current interference mitigation systems", Paper No. 020	P.Donelli, M.Donelli - Donelli - Italy, "Maintenance of penstock's internal coatings: safety, environmental sustainability and durability improvement, thanks to the automation", Paper No. 057	E.Messinese, M.Ormelese, A.Brenna - Politecnico di Milano - Italy, "Tafel-Piontelli model for acidic corrosion: theoretical developments and engineering applications on carbon steel exposed to weak acids", Paper No. 054	
	16:05-16:30	Coffee Break - Exhibit Hall					

CONFERENCE PROGRAM

		Rooms - 3rd Floor		Rooms - 2nd Floor			Room - 1st Floor
		Scirocco	Libeccio	Levante	Ponente	Aliseo	Bora
		Energy Transition	Energy Transition	Cathodic Protection	Coating & Linings	Applied Research in Academia	CRA & Welding
		Carbon Capture	Sour Service	Management of Interference	Application & Maintenance		
		Chair: R.Morana - M.Billingham	Chair: L.Smith - B.Gandolfi	Chair: R.Ballerini - S.Tremolada	Chair: P.Donelli - M.Malfanti	Chair: F.Bolzoni - S.Martinez	Chair: B.Ghai - M.De Marco
Monday - June 10th	16:30-16:55	G.Mannucci, G.Malatesta, L.Mancini, A.Smith, A.Fonzo, S.Olcese, F.Fratoni, M.Bronzini, L.Bacchi - Rina-CSM - Italy, "Feasibility assessment for the repurposing of existing onshore pipelines for CO2 transport", Paper No. 152	H.Marchebois, J.P.Blanc, L.Galliot - Total Energies - France, "Local Hard Zones on TMCP Large Diameter Line Pipes: How diligent end-users should be to meet sour service resistance of pipelines", Paper No. 186	I.Magnifico - Automa - Italy, "Influence of overprotection on AC corrosion. Analysis of a real case", Paper No. 068	M.Hornig - TIB Chemicals - Germany, "Developing the all-in-one solution – Getting the job done with all easy to use 1:1 polyurethane coating", Paper No. 064	R.Colloca, A.Casavola, M.Forouzanfar, G.Gagliardi, F.Tedesco, T.Giambartolomei, E.Muraca - Techfem - Italy, "Probabilistic approaches for corrosion rate estimation in pipelines: a comparative study and simulation case analysis", Paper No. 100	T.Córdoba, V.Matres, M.de Nicolás-Morillas, L.Segovia, N.Baladés, D.L.Sales, E.Macia - Acerinox - Spain, "Corrosion resistance of 3D arc and wire printed stainless steel components", Paper No. 026
	16:55-17:20	F.Locati, B.Gandolfi, P.Deodati, N.Fontana - EniProgetti - Italy, "Main challenges for material selection in CCS projects", Paper No. 148	A.Al-Hashem, S.Mukadam - KISR - Kuwait, "Mitigation of corrosion in oil and gas production facilities by corrosion resistant alloys", Paper No. 058	M.Glinka - EMPIT - Germany, "Comparative analysis of CMI and DCVG in corrosion protection for buried pipelines", Paper No. 177	S.Renouard, C.Favenne, F.Guillemot, P.Le Calvé, R.Mascolo, J-M.Quenez, H.Vincent - AMBPR - France, "Anticorrosion for ship maintenance enters a new era with the advent of automation", Paper No. 105	M.Fedel, A.Cristoforetti, S.Rossi, F.Deflorian - Trento University - Italy, "Investigation into filiform corrosion evolution on painted carbon steel under different aging conditions", Paper No. 116	C.Casu, M.De Marco, M.Auditore - Istituto Italiano della Saldatura - IIS - Italy, "Welding of type AISI 444 and AISI 316L stainless steel for the food industry (FCM): effect of the quality of backing gas on metal migration", Paper No. 163
	17:20-17:45	H.Sonke, Y.Zheng - Shell - Netherlands, "CO2 transport and injection, effect of impurities, understanding of reactions and consequences", Paper No. 010	M.Kirschner, T.Auinger, S.Hinz - Voestalpine - Austria, "Alternative CRA solutions for clad line pipe", Paper No. 018	L.Spisi - Inrete Distribuzione Energia - Italy, "Commissioning of a cathodic protection system of an existing gas distribution network - Interesting findings and energy efficiency approach", Paper No. 071	P.de Bonnafo - Trenton - France, "Evaluation of Wax based tape coating exposed to atmospheric condition for more than 20 years", Paper No. 151	H.Moradi, G.Grifò, G.Consolo, F.Milazzo, E.Proverbio - University of Messina - Italy, "Numerical investigations on localized corrosion from single and multiple pits in fuel tanks", Paper No. 159	O.Öhlin, D.Gullberg - Alleima - Sweden, "Corrosion properties of the recently developed super duplex stainless steel UNS S83071", Paper No. 164
	17:45-18:10	A.Smith, L.Intiso, G.Mannucci - Rina-CSM - Italy, "Hydrogen embrittlement in CCS pipelines: is it a concern?", Paper No. 124	V.Dreilich, T.Hofman, J.Vera, I.Palmieri, F.dos Santos, Z.Panossian, J.Alejandro - DNV - Brasil, "Challenges of testing CO2 stress corrosion cracking in small scale", Paper No. 137	T.Castillo, J.Warner, J.Sebila - Dairyland - USA, "AC mitigation and cathodic protection: how decouplers make a difference", Paper No. 088	L.Comel - G.M.A. - Italy, "Coating systems to optimize durability and energy efficiency of heat exchangers", Paper No. 175	M.Delucchi, A.Lagazzo, A.Mangolini, G.Innocenti, A.Bottaro - University of Genoa - Italy, "An attempt to produce liquid infused surfaces starting from organic coatings filled with zeolites", Paper No. 165	
	09:30-19:00	Exhibit Hall EXPO					
20:00	Villa dello Zerbino - Gala Dinner						

CONFERENCE PROGRAM

CONFERENCE PROGRAM							
	Rooms - 3rd Floor		Rooms - 2nd Floor			Room - 1st Floor	
	<i>Scirocco</i>	<i>Libeccio</i>	<i>Levante</i>	<i>Ponente</i>	<i>Aliseo</i>	<i>Bora</i>	
	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: L.Bacchi - G.Mannucci</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>	
Tuesday - June 11th	08:30-08:55	I.Ali, R.Morana and S.Hassani - BP - UK, "Setting CO2 specifications to safeguard mechanical integrity for different modes of CO2 transport", Paper No. 079	N.Gallon EPRG - Germany <i>EPRG hydrogen pipelines integrity management and repurposing guideline white paper</i>	T.Bellezze, P.Forcellese, G.Giuliani - Ancona University - Italy, "Study of cathodic protection inside domestic boilers to produce hot water", Paper No. 093	J.Tacq - SIRRIS - Belgium, "Corrosion Under Insulation – Controlled testing of sensors for CUI monitoring and development of a methodology for CUI coating life evaluation", Paper No. 050	Frank Hornsby Cormetrics 2 - Canada <i>Pipeline corrosion inhibitor basic principles</i>	K.Picker - Alleima - USA, "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
	08:55-09:20	B.H.Morland, G.Svenningsen, H.Sonke - IFE - Norway, "Comparing impurity concentrations effect of both liquid and gas CO2 transport", Paper No. 051	C.Vailati, V.Colombo, G.Re - Cescor - Italy, "Sour environment and high-pressure hydrogen: comparison of design regulations", Paper No. 030	I.Magnifico - Automa - Italy, "Deep optimization for Cathodic Protection: advanced technology for T/Rs output current optimization", Paper No. 067	D.Warren, S.Bhat - International Paint - UK, "A critical comparison of epoxy phenolic and alkylated amine epoxy technology for CUI service", Paper No. 134	E.Petteruti, U.Ciardi - Chimec - Italy, "Enhancing deepwater asset integrity: an integrated chemical strategy for corrosion inhibition in challenging environments", Paper No. 009	V.Dreilich, S.Souto Maior Tavares, A.Rocha Pimenta - DNV - Brasil, "Hydrogen impact on fracture toughness in a superduplex stainless steel flange for subsea use", Paper No. 167
	09:20-09:45	R.Francis - Nickel Institute - UK, "The use of Nickel-containing alloys in CCUS applications", Paper No. 006	M.Hoeving, M.Baumeister - Rosen - UK, "Inline inspection in future fuel pipelines", Paper No. 172	M.Barrett, W.Maize, T.da Costa - Mobiltex - Canada, "Applying machine learning to predict behavior and consumption rates of ICCP groundbeds", Paper No. 111	A.Rahman - Aspen Aerogels - UK, "Keep it dry, prevent CUI", Paper No. 059	I.R.Boršić, I.Stojanović, M.Kurtela, V.Alar, B.A.Mikšić - Cortec Corporation Europe - Croatia, "VpCI for multimetal protection in heating systems", Paper No. 132	S.McCoy, B.A.Baker - Special Metals - USA, "The effects of industrial gases used in low emission energy processes upon the corrosion performance of nickel-base alloys", Paper No. 166
	09:45-10:10	K.Kanki, M.Seo, H.Amaya - Nippon Steel - Japan, "Corrosion resistance of CRA materials for CCS application with supercritical CO2 containing slight amount of O2 and SO2", Paper No. 032	D.Scarsciafratte, E.Torselletti, A.Santicchia, S.Terracina, E.Aloigi - Saipem - Italy, "H2 transport through pipelines - A proposed fracture mechanics approach for pipeline design and linepipe requirements", Paper No. 007	C.Baete, K.Parker, Y.Li, V.Chum, T.Johnston - Elyca - USA, "Optimizing In-Line inspection frequency through digital twin implementation", Paper No. 187	N.Wilds - Sherwin-Williams - UK, "Breaking the boundaries of CUI coatings", Paper No. 011	S.Apuy - Emerson - UK, "Integrating real time corrosion measurements with process data to enhance safety, reliability and profitability in refineries", Paper No. 049	K.Picker - Alleima - USA, "Sulfide stress corrosion cracking evaluation of cold worked Duplex Stainless Steel 2205 and 2507 heat exchanger tubes", Paper No. 184
	10:10-10:40	Coffee Break - Exhibit Hall					

CONFERENCE PROGRAM

		Rooms - 3rd Floor		Rooms - 2nd Floor		Room - 1st Floor	
		Scirocco	Libeccio	Levante	Ponente	Aliseo	Bora
		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: R.Morana - M.Billingham	Chair: L.Bacchi - G.Mannucci	Chair: P.Marcassoli - R.Ballerini	Chair: N.Wilds - C.Vie		
Tuesday - June 11th	10:40-11:05	V.Scheiber, G.Néel, C.Millet - Vallourec - France, "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	D.Quintiliani, G.Doni, B.Aydin, F.Fusari - Walter Tosto - Italy, "Material evaluation for hydrogen storage vessels", Paper No. 086	D.Bufaloni, L.Mambelli - Saipem - Italy, "Empiric method to identify a/g isolation kit failure in plant piping ", Paper No. 106	D.Morton - Hempel - Denmark, "Advanced insulation coating system as a viable alternative to conventional thermal insulation that can eliminate corrosion under insulation (CUI)", Paper No. 024	E.Bloomfield, R.Lefebvre, Y.Jacob, M.Golfier, V.Gaillard - Vermilion Energy - Netherlands, "Case Studies: Corrosion Coupons and Probes in Upstream Oil Fields for Optimizing Corrosion Inhibitor Dosage", Paper No. 153	Michael Raupach Aachen University <i>Corrosion behaviour of steel in low carbon concretes</i>
	11:05-11:30	S.Zhou, S.Kairy, A.Turnbull, G.Hinds - NPL - UK, "Towards a standard test method for measurement of corrosion rate of pipeline steel in dense phase CO2", Paper No. 155	M.Palombo, Y.Kojima, A.Civati, M.Borile - Istituto Italiano della Saldatura - IIS - Italy, "Development of transducers for hydrogen service up to 1500 bar", Paper No. 143	I.Magnifico, L.Spisni - Automa - Italy, "100 mV shift criterion application in a Gas Distribution Network by means of coupon", Paper No. 066	S.J.Kaspersen - Jotun - Norway, "How to test coating systems for CUI conditions", Paper No. 113	R.Dones - Tesi Group - Italy, "Marine piling protection", Paper No. 012	
	11:30-11:55	L.Intiso, E.Imbimbo, F.Sammartino, G.Mortali - Rina-CSM - Italy, "Towards a sustainable society - Challenges on corrosion testing for CCS applications", Paper No. 142	R.Bruschi, F.Alessandri, R.Moslemian, A.Ruoti - DNV - Italy, "Meeting the challenges of hydrogen repurposing of offshore natural gas pipelines", Paper No. 170	A.Brenna, S.Beretta, M.Ormelese, F.Martini, A.Nandi, M.Venere - Politecnico di Milano - Italy, "Design and testing of a solid backfill of potential probes for cathodic protection monitoring in soil", Paper No. 029	T.Van Hoestenbergh, T.Van Caelenbergh - Fluves - Belgium, "Fiber optics technology as a predictive maintenance tool in the battle against CUI", Paper No. 107	P.Le Calvé, E.Parizot - Anticorr Conseil - France, "Risk assessment and optimization of corrosion maintenance", Paper No. 033	F.Lollini, M.Carsana, A.Filippi, N.Russo, E.Redaeli - Politecnico di Milano - Italy, "Corrosion behaviour of reinforcement in RAP concrete exposed to chloride environment", Paper No. 091
	11:55-12:20	A.Dugstad, B.H.Morland - IFE - Norway, "Corrosion rate of carbon steel exposed under stagnant conditions at 1-100 bar CO2 partial pressure", Paper No. 102	P.Bortot, M.Ortolani, M.Bellingardi - Tenaris - Italy, "Fracture toughness of high strength ferritic steel welds in hydrogen service", Paper No. 083	I.Kinnear - GPT Industries - USA, "Troubleshooting flange isolation & benefits of remote asset monitoring", Paper No. 144		J.Sutherland, I.Murray, S.Clouston, S.Farnie, A.Tindall - Baker Hughes - UK, "Addressing complex and axially aligned corrosion with MFL technologies and benefits of tri-axial methods", Paper No. 140	N.Russo, F.Lollini, E.Redaeli - Politecnico di Milano - Italy, "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 - IFE - Norway, "Electrochemical measurement in dense phase CO2 for commissioning and upset condition", Paper No. 052	A.Santicchia, L.Asaro, G.Gargano, E.Torselletti, D.Scarsciafratte, E.Aloigi, G.Arcangeletti - Saipem - Italy, "H2 transport through pipelines – 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	C.Lorences - IGP - Argentina, "It is increasingly common that oil, gas and mining companies cannot justify spending on direct studies", Paper No. 185		M.Laichoubi, H.Kella Bennani, H.Miaohang, F.Stasse, J.Hart, A.Fathi - Skipper NDT - France, "Novel non-contact, drone-based technology for pipeline movement assessment", Paper No. 174	D.Garcia, S.Deharo, R.François - Bluespine - France, "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 Break - Exhibit Hall					

CONFERENCE PROGRAM

		<i>Rooms - 3rd Floor</i>		<i>Rooms - 2nd Floor</i>			<i>Room - 1st Floor</i>
		<i>Scirocco</i>	<i>Libeccio</i>	<i>Levante</i>	<i>Ponente</i>	<i>Aliseo</i>	<i>Bora</i>
		Energy Transition Renewable Energy	Energy Transition Hydrogen Service	Failure Case Studies	Microbiologically Influenced Corrosion	Automotive Industry	Durability of Reinforced Concrete
		<i>Chair: S.Le Manchet</i>	<i>Chair: M.Palombo - L.Bacchi</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>
Tuesday - June 11th	14:00-14:25	Tom Eriksson Alleima Materials in a sustainable future	S.Cornu, W.Vos - NDT Global - Germany, "H2 Pipeline: An ILI perspective to mitigate new threat", Paper No. 080	S.E.Ibrahim - Robert Gordon University - UK, "Failure analysis of a failed heat exchanger tube bundle in a hydrocracker unit", Paper No. 076	P. Cristiani - RSE E.Croese - Microbialanalysis Introduction to MIC	Giancarlo Marchiaro Centro Ricerche Fiat Stellantis A strategy for preventing corrosion Requirements and testing	G.Di Pace, R.Torrent - Materials Advanced Services - Argentina, "Service life of reinforced concrete structures in marine environments using non-destructive site methods", Paper No. 048
	14:25-14:50	B.Buhr - European Energy - UK, "How do you take sustainability into account during design?", Paper No. 104	G.Mannucci, B.Bezensek, O.Huising, L.Bacchi, P.Roovers, C.M.Spinelli, E.Bertelli, I.Di Vito, M.Di Biagio, A.Fonzo - EPRG - Germany, "EPRG full scale fatigue crack growth testing on linepipe materials in gaseous hydrogen", Paper No. 146	M.De Marco, E.Ferrari, L.Calandriello - Istituto Italiano della Saldatura - IIS - Italy, "Premature corrosion of a Titanium-Graphite component in organic acid environment", Paper No. 037	Elisa Ferrari Istituto Italiano della Saldatura Biotic or Abiotic? Starting from MIC analysis in localized corrosion events failure analysis	M.Daga, M.A.Abello, L.Mezzomo, A.Bonfanti, F.Bertasi - Brembo - Italy, "Influence of Iron and Manganese impurities on the corrosion resistance and anodizability of recycled Aluminum alloys", Paper No. 072	M.Gastaldi, B.Schallock - Politecnico di Milano - Italy, "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	G.Gabetta - Consultant - Italy, "Update on corrosion in biorefining", Paper No. 183	E.Wanzenberg, S.Höhler, C.Bosch, H.Brauer, D.Mirkovic, E.Muthmann - Saltzitter Mannesmann Forschung - Germany, "Mechanical testing of line pipe steels in hydrogen atmosphere", Paper No. 060	T.Kamshad, A.Al Dandan, M.Sabesan, A.Al Demerdash, D.Kellow - Chevron - Kuwait, "The selection and modification of piping materials in a bulk chemical handling facility in Wafra joint operation (case history)", Paper No. 094	R.Homan, E.Croese, S.Jansen, J.Gerritsen - Microbial Analysis - Netherlands, "Activity of Microbiologically Influenced Corrosion in offshore wind industry - A case study", Paper No. 069	M.Motta, V.Iodice, Agusti Sin, A.Truccolo, L.Fedrizzi, F.Andreatta - Udine University - Italy, "Study of the role of metals in stiction phenomenon of braking systems for automotive use", Paper No. 044	F.Torabian Isfahani, N.Valiante, F.Lazzarin, C.Beltrami, F.Lollini, E.Redaeli - Lombardi Ingegneria - Italy, "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 - Istituto Italiano della Saldatura - IIS - Italy, "Co-processing: new alternatives", Paper No. 138	A.Pagliuca, E.Imbimbo, A.Donato, L.Intiso - Baker Hughes - Italy, "Slow strain rate test methodology to evaluate the temperature effect in hydrogen embrittlement environment", Paper No. 089	M.Al Ashtar, H.Zurgani, O.Sherif, A.Aljabri, R.S.Siriki, M.Almoghrabi - Zueitina Oil Company - Libya, "Failures of chemical injection skids due to incompatible material with chemicals - case study", Paper No. 103	N.Hermes, A.Dhont, M.Salta, J.De Strycker - Endures - Netherlands, "Failure analysis of microbiologically influenced corrosion (MIC) in industrial water distribution systems", Paper No. 075	M.Yasir - Forvia - Germany, "Challenges & opportunities with metallic materials in hydrogen technologies", Paper No. 117	A.Cheaitani, S.Cheyhani, M.Cheyhani - Remediatechnology - Australia, "The latest innovations associated with impressed current concrete cathodic protection systems", Paper No. 038
	15:40-16:20	Coffee Break - Exhibit Hall					

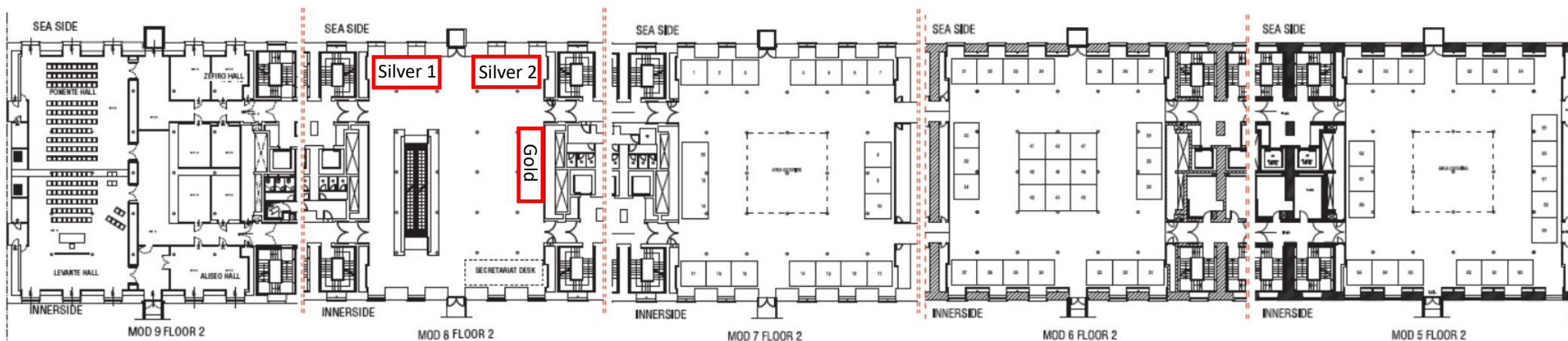
CONFERENCE PROGRAM

CONFERENCE PROGRAM							
	Rooms - 3rd Floor		Rooms - 2nd Floor			Room - 1st Floor	
	Scirocco	Libeccio	Levante	Ponente	Aliseo	Bora	
	Energy Transition Renewable Energy <i>Chair: S.Le Manchet</i>	Energy Transition Hydrogen Service <i>Chair: G.Mannucci - L.Bacchi</i>	Failure Case Studies <i>Chair: P.Dent - I.Giroletti</i>	Microbiologically Influenced Corrosion <i>Chair: E.Croese - P.Cristiani</i>	Automotive Industry <i>Chair: F.Bertasi</i>	Durability of Reinforced Concrete <i>Chair: M.Gastaldi - F.Lollini</i>	
Tuesday - June 11th	16:20-16:45	S.Cissé, S.Le Manchet, E.Robin, F.Novello, M.Borges - Industeel ArcelorMittal - France, "High temperature corrosion resistance of heat resistant stainless steels in simulated waste incineration conditions", Paper No. 005	L.Paterlini, G.Re, L.Vergani, M.Ormellese - Politecnico di Milano - Italy, "Hydrogen embrittlement of a low alloy steel electrochemically charged", Paper No. 097	M.Harris - Petronas - Malaysia, "Failure analysis of radiant tube in ethylene furnace", Paper No. 025	L.Murachelli, A.Vicenzo, M.Bestetti, P.Cristiani - Politecnico di Milano - Italy, "Monitoring of microbial corrosion in soil by means of an advanced multiparametric probe", Paper No. 129	R.Valentini, S.Corsinovi, M.Mastroianni - Pisa University - Italy, "Hydrogen Embrittlement Risk Investigation on High Strength Steel Fasteners", Paper No. 162	G.Sergi, P.McCloskey, D.Simpson - Vector Corrosion - UK, "Long-term performance of galvanic anodes for steel reinforced concrete", Paper No. 065
	16:45-17:10	M.Attarchi, J.L.Madsen - Vattenfall - Germany, "Analyzing the design assumptions in retrofitting the internal corrosion protection of wind turbine monopile foundations in seawater", Paper No. 082	R.Valentini, L.Bacchi, F.Biagini - Pisa University - Italy, "Hydrogen embrittlement preliminary laboratory characterization on API X52 for hydrogen service", Paper No. 090	A.Scatenia - Pontlab - Italy, "Failure analysis of a hot stove ", Paper No. 130	P.Cristiani, E.Cazzulani, G.Ghiara, A.Franzetti, G.L.Chiarelo - RSE - Italy, "Microbial fingerprint of corrosion in copper and steel alloys under varying treatments in enriched hydrogenotrophic media", Paper No. 035	N.Nocera, C.Carrubba, F.Bertasi, A.Bonfanti, A.Mancini - Brembo - Italy, "Development and optimization of an analytical protocol for the characterization of micrometric sol-gel coatings", Paper No. 041	H.Beirami, M.Sem, S.Ambrosi, F.Laino - Mapei - Italy, "Cathodic protection of reinforced concrete bridges using adhesive Zinc sheet anodes", Paper No. 108
	17:10-17:35	C.Mingazzini, E.Muraca, A.Pierro, L.Mendicino, T.Giambartolomei - ENEA - Italy, "Maintenance protocols for recently developed, more sustainable, off-shore composite wind blades", Paper No. 099	M.Rhode, S.Kaiser, K.Erxleben, T.Kannengiesser - BAM - Germany, "Challenges in repair welding of in-service hydrogen pipelines", Paper No. 176	I.Giroletti, M.de Marco - Omeco - Italy, "Failure of a district heating water tank investigated with non-destructive techniques", Paper No. 154	A.Benedetti, M.J.F.Marques, F.Castelli, M.Delucchi, M.Faimali, S.Delsante, F.Valenza, F.Garaventa, G.Pavanello, M.Losurdo, R.Basseguy - CNR - Italy, "The corrosion behavior of aluminium-magnesium alloy in natural seawater: effects of the biological activity ", Paper No. 045	M.Bestetti, A.L.Huspek, V.Mataloni, Yu.H.Akhmadeev, E.A.Petrikova, F.Ivanov, P.V.Moskvina, N.N.Koval - Politecnico di Milano - Italy, "Anodic oxidation of aluminium-silicon alloys pretreated by pulsed electron beams", Paper No. 161	T.Male, G.Sergi - Vector Corrosion - UK, "The use of galvanic surface anodes for the protection of steel reinforced concrete", Paper No. 085
	17:35-18:00	I.Zuazo, S.Pillot, S.Le Manchet - Industeel ArcelorMittal - France, "Steels for the global energy transition", Paper No. 128	T.Fujishiro, K.Hani, Y.Tomio, T.Muraki, T.Hara - Nippon Steel - Japan, "Hydrogen absorption in pre-strained steel and fracture toughness values of hydrogen gas line pipe", Paper No. 179	S.U.Niaz Bukhari - KBR - Saudi Arabia, "A case study on the failure of a sulfuric acid storage tank", Paper No. 171	T.Unsal, S.Yucel, N.Caglar Balkis, A.Aksu, O.S.Taskin, M.E.Cetintasoglu, I.R.Bilgin, N.Korkmaz, E.Balcioglu Ilhan, D.O.Rabba - Istanbul University - Turkey, "What is happening on Mars?", Paper No. 101	F.Bertasi, M.A.Abello, M.Daga, L.Mezzomo, A.Bonfanti - Brembo - Italy, "Anodizability and corrosion resistance of Aluminum alloys for automotive applications", Paper No. 031	S.Deharo, D.Garcia, R.François - Bluespine - France, "Enhanced cathodic protection depth through the combination of discrete anodes and electroconductive coating in reinforced concrete", Paper No. 149
	18:00-18:25		M.Palombo, F.A.Recanzone, D.Morando, I.Milano, F.Catalano, M.De Marco - Istituto Italiano della Saldatura - IIS - Italy, "Exploring the suitability of a vintage linepipe steel for hydrogen service in wide range of working pressures", Paper No. 084				
	18:25-19:30	Closing Remarks and Farewell Cocktail - Exhibit Hall					
09:30-19:30	Exhibit Hall EXPO						

AMPPTM CHAPTER ITALY GENOVA, 9-11 June 2024

3rd Conference & Expo 2024 Sharing knowledge, the way to go! An International Event for Corrosion Prevention

CONFERENCE HALL & EXPO



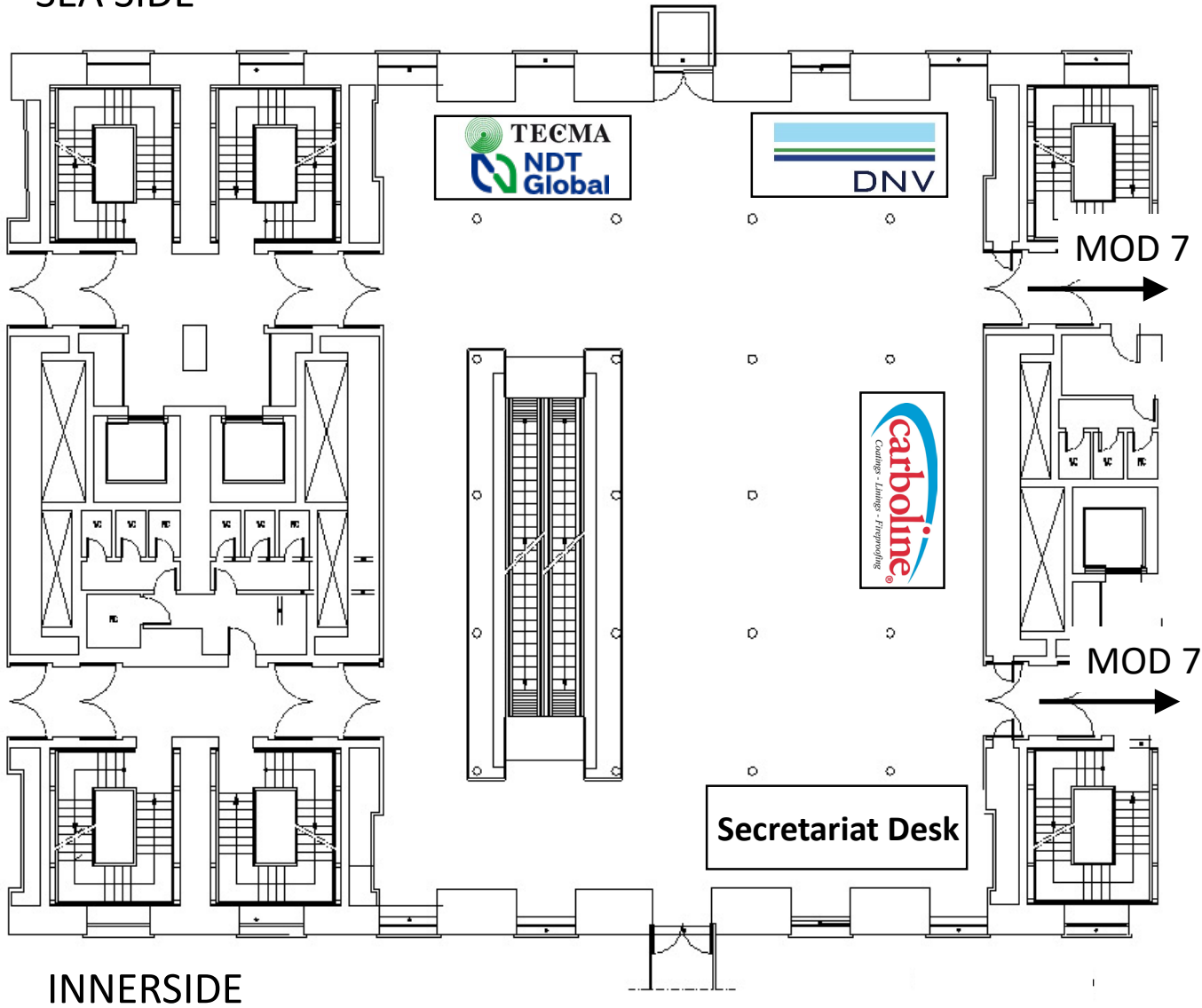
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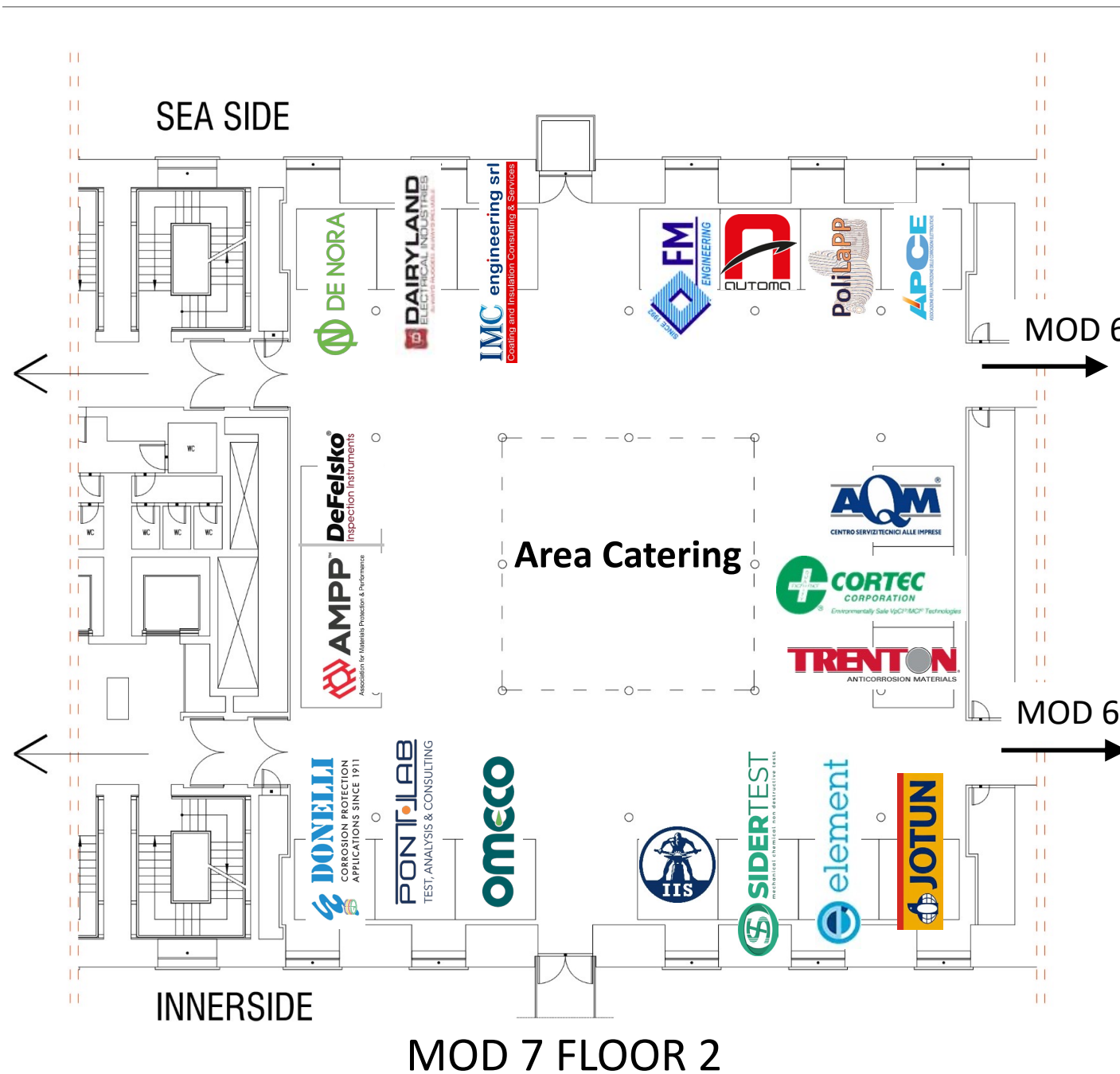
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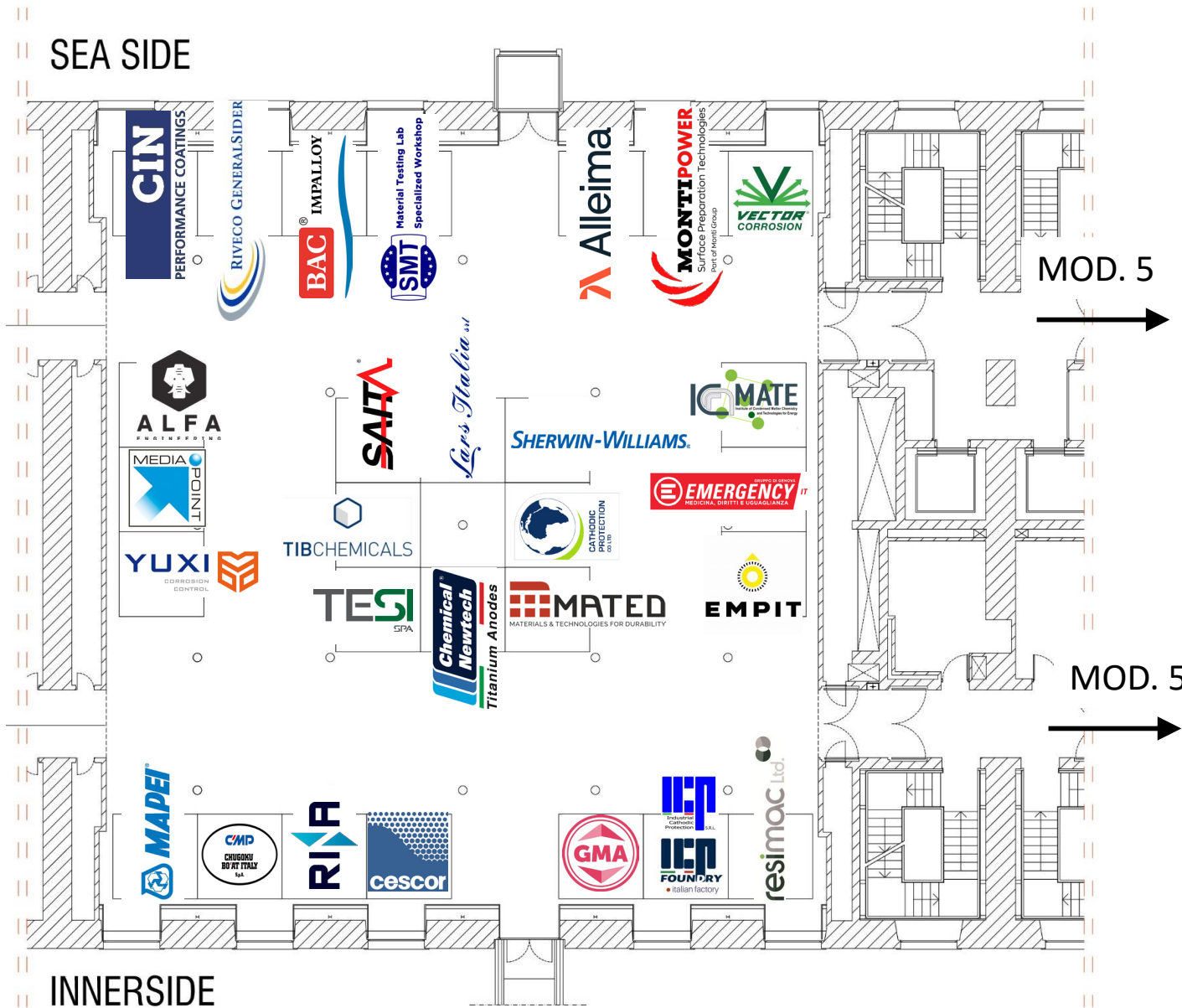
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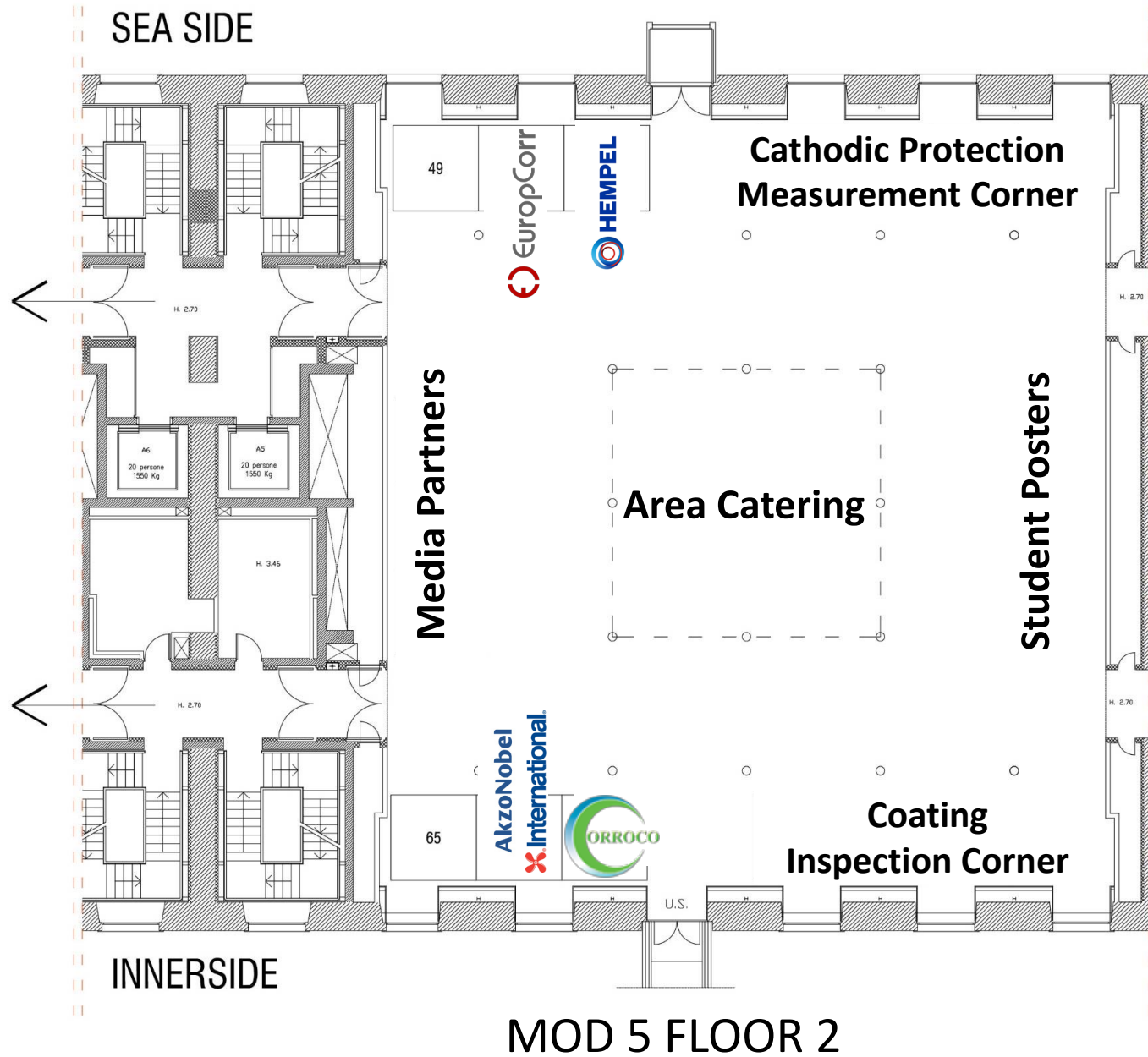


Stand	Company
1	De Nora
2	Dairyland
3	IMC Engineering
4	FM Engineering
5	Automa
6	PoliLaPP
7	APCE
8	AQM
9	Cortec
10	Trenton
11	Jotun
12	Element
13	SiderTest
14	Istituto Italiano della Saldatura
15	Omeco
16	Pontlab
17	Donelli
18-19	AMPP
20	DeFelsko



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Exhibitors' Guide






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 <p>Association for Materials Protection & Performance</p> <p>www.ampp.org stuart.bond@ampp.org</p>	<p>AMPP, the Association for Materials Protection and Performance, is a global community of professionals dedicated to materials protection through the advancement of corrosion control and protective coatings practices, technologies, and workforce expertise. Ensuring the maximum performance, integrity, safety, and durability of the infrastructure and assets our society depends on is the shared purpose behind the work of AMPP members worldwide.</p> <p>AMPP was established in 2021 following a merger between NACE International and SSPC: The Society for Protective Coatings. The new association unites 145 years of corrosion control and protective coatings expertise and service to industry and members worldwide.</p> <p>Today, AMPP is the world's largest corrosion control and protective coatings organization, serving more than 35,000 members in over 140 countries.</p> <p>AMPP is headquartered in the United States and has offices in Houston, Texas, and Pittsburgh, Pennsylvania. Additional offices are in the United Kingdom, China, Malaysia, Brazil, and Saudi Arabia, with training centers in Houston and Dubai.</p>	<p>Module 7 - Stands 18-19</p>	<p>CONFERENCE ORGANIZERS</p>
 <p>Akzo Nobel Coatings S.p.A. Via De Marini 61/14 16149 Genova Italia Tel. + 39 010 659 5735 www.international-pc.com www.akzonobel.com</p>	<p>AkzoNobel, a Dutch multinational group based in Amsterdam, is a world leader in paint products.</p> <p>Through International paint brand, the company is at the forefront of the marine and industrial coatings market with dedicated attention to the sustainability, through a constant development of products to satisfy the specific needs of oil & gas industry, energy & wind and OEM market with the aim to reduce CO2 emissions.</p> <p>We underline some specific high temperature coating system for piping and valves.</p>	<p>Module 5 - Stand 64</p>	<p>EXHIBITOR</p>
 <p>Associazione Italiana Pressure Equipment Via Palermo, 28 00184 Roma Italy Tel. +39 06 4817721 www.aipe.it segreteria@aipe.it</p>	<p>AIPE (Associazione Italiana Pressure Equipment) is a non-profit association grouping the main Pressure Equipment Italian manufacturers together.</p> <p>Based on research and on the collaboration with Institutes, national and international universities, AIPE has the purpose of promoting technological, scientific and economic development of its associates.</p>	<p>SPONSOR</p>	<p>SPONSOR</p>
 <p>Via Wolfgang Amadeus Mozart, 91 41122 Modena - Italy Tel. +39 059/904611 Fax +39 059/815156 sales@alfa-eng.net info@alfa-eng.net www.alfa-eng.net</p>	<p>Alfa Engineering Società Cooperativa is specialized in designing and manufacturing high-quality Monolithic Isolation Joints for the petrochemical, Oil & Gas and water distribution industries. Since over 30 years we work project-based for Clients and EPCs from all over the world, and we are part of the main vendor lists in our field. We are committed to continuous improvement of our products and our quality and we are certified in accordance with ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, PED 2014/68/UE.</p> <p>The use of Monolithic Isolation Joints is fundamental to optimize the efficiency of cathodic protection anti corrosion systems, and they are widely used as counter measure to reduce stray current electrical interferences in pipelines. For these reasons MIJs represent an essential piece of equipment in order to ensure long-term efficiency and reliability of the lines.</p>	<p>Module 6 - Stand 40</p>	<p>EXHIBITOR</p>
 <p>Alleima Tube AB 811 81 Sandviken Sweden Tel. +46 26 426 0000 www.alleima.com</p>	<p>Alleima is a leading global manufacturer of high value-added products in advanced stainless steels and special alloys as well as solutions for industrial heating. Based on long-term customer partnerships and leading materials technology, we develop products for the most demanding applications and industries. Our offering includes products like seamless steel tubes for the energy, chemical and aerospace industry, based on more than 900 active alloy recipes. The company has in-depth expertise in materials technology, metallurgy and industrial processes and has a fully integrated value chain, from R&D to end-product, allowing for industry-leading quality, sustainability, and circularity.</p> <p>Alleima, with headquarter in Sandviken, Sweden, and revenues of SEK 18.4 billion in 2022, has approximately 5,900 employees and customers in approximately 90 countries. Learn more at www.alleima.com.</p>	<p>Module 6 - Stand 25</p>	<p>SPONSOR AND EXHIBITOR</p>







 <p>ASSOCIAZIONE PER LA PROTEZIONE DELLE CORROSIONI ELETTROLITICHE</p> <p>Via Maastricht, 1 c/o Snam Rete Gas S.P.A. 20097 San Donato Milanese (MI) Italy Segreteria +39 340 7525799 Segretario generale +39 347 90 56 659 www.apce.it segreteria@apce.it</p>	<p>APCE, the Italian Association for the Protection from Electrolytic Corrosion, has spread the culture of infrastructures corrosion prevention for over 40 years.</p> <p>As a non-profit institution, it promotes the certified training for sector operators, provides research funding, collaborates with universities and stimulates the development of technical regulations.</p> <p>APCE is the Italian technical reference for the management of corrosion on metal infrastructures (gas and water transport and distribution), immersed facilities (offshore structures, harbors, boats), reinforced concrete structures (buildings, bridges).</p>	Module 7 - Stand 7	EXHIBITOR
 <p>CENTRO SERVIZI TECNICI ALLE IMPRESE</p> <p>Via Edison, 18 22050 Provaglio d'Iseo (BS) Italy Tel. +39 030 9291 711 Fax +39 030 9291 777 www.aqm.it segreteria@aqm.it</p>	<p>For over 40 years AQM srl, a Technical Service Center for Industries, has been offering its expertise to national and international industrial companies operating in metal transformation and industries involved in the construction of mechanical components, devices and machines.</p> <p>The activities of AQM are:</p> <ul style="list-style-type: none"> - Laboratory Test: Metallography, failure analysis and prevention, mechanical testing, chemical analysis, electron microscopy and microanalysis, corrosion and fatigue tests, compliance and performance verification testing, non destructive test, industrial tomography, calibration, metrology. - Professional Training aimed at skill certification or qualification. - Technical, Industrial and Managing Consulting. - Standards and Publishing. 	Module 7 - Stand 8	EXHIBITOR
 <p>Via Casine di Paterno, 122/a 60131 Ancona (AN) Italy Tel. +39 071 802 8042 Fax +39 071 802 374 www.byautoma.com info@byautoma.com</p>	<p>Automa was founded in 1987 as a small company involved in developing solutions for oil, gas and water utilities. Since the beginning AUTOMA is engaged in the development of high performance and low power consumption devices for remote monitoring.</p> <p>Today Automa has a complete suite of both software and hardware for application in cathodic protection systems and regulation/metering stations. The modular infrastructure of this line of products lends themselves to both the design of new installations and the extension of existing plants.</p> <p>The characterization given by Automa to all its products is looking for an enhanced modularity and verticalization, allowing the solutions to adapt to the interaction preferred by users without forcing them to a complex learning curve.</p>	Module 7 - Stand 5	EXHIBITOR
 <p>BAC Impalloy A/S Færøvej 7 -9 4681 Herfølge Denmark Tel. +45 7026 8900 Info@bac-impalloy.com www.bac-impalloy.com</p>	<p>Europe's leading supplier and manufacturer of sacrificial anodes for Cathodic Protection, BAC Corrosion Control A/S is a global supplier and manufacturer of Galvanic Anodes for Cathodic Protection.</p> <p>With over 60 years of experience our professional team of experts can protect your investment like no other on the market.</p> <p>We offer a unique expertise in Cathodic Protection, state-of-the-art production facilities and machinery, vigorous quality control and documentation, industry standard ISO and DNV certificates, and remarkably effective delivery times.</p>	Module 6 - Stand 23	EXHIBITOR
 <p>Parco Scientifico Tecnologico Kilometro Rosso Viale Europa, 2 24040 Stezzano (BG) Italy Tel. +39 035 605.2111 www.brembo.com press@brembo.it – ir@brembo.it</p>	<p>Brembo leads the world in the design and production of high-performance braking systems and components for top-flight manufacturers of cars, motorbikes and commercial vehicles.</p> <p>Founded in 1961 in Italy, Brembo has a long-standing reputation for providing innovative solutions for OEMs and aftermarket. Brembo also competes in the most challenging motorsport championships in the world and has won over 600 titles.</p> <p>Guided by its strategic vision – “Turning Energy into Inspiration” – Brembo’s ambition is to help shape the future of mobility through cutting-edge, digital and sustainable solutions.</p> <p>With over 15,600 people across 15 countries, 32 production and business sites, 9 R&D centers and with a turnover of € 3,849 million in 2023, Brembo is the trusted solution provider for everyone who demands the best driving experience.</p>		SPONSOR






 <p>Carboline Global Headquarters 2150 Schuetz Rd. St. Louis, Missouri 63146 United States Tel. +1 314-644-1000 marketing@carboline.com www.carboline.com</p>	<p>Carboline Global, Inc., founded in 1947, produces high-quality performance coatings, linings, and fireproofing products in more than 20 manufacturing facilities around the world.</p> <p>Whether it's new assets or maintenance projects, our products add value and longevity while meeting strict design standards and providing outstanding protection. Carboline's global reach allows for the highest quality products and services to our customers anywhere in the world.</p> <p>Speak to one of our experts and let us customize a solution that's best for your specific project.</p>	<p>SPONSOR AND EXHIBITOR</p>	<p>Module 8 - Gold Stand</p>
 <p>Venture Way Grantham, Lincolnshire NG31 7XS, United Kingdom Tel. +44 (0)1476 590666 Bethany.Higgins@cathodic.co.uk www.cathodic.co.uk</p>	<p>Cathodic Protection Co. Ltd (CPCL), has been in operation since 1950 and serves clients in six continents. We are recognised as a pioneer in cathodic protection and anti-fouling solutions.</p> <p>The company offers a range of services including consultancy, design, manufacture of bespoke materials and systems. Our range of both Safe and Hazardous Area rated Transformer Rectifiers deliver clear options for control, monitoring and operation that will ensure any cathodic protection system is functioning to our clients' requirements.</p> <p>No matter the query that comes through our door, we are forward thinking and progressive with the solution we provide.</p>	<p>EXHIBITOR</p>	<p>Module 6 - Stand 46</p>
 <p>Via Maniago, 12 20134 Milano – Italy Tel. +39 02 26412538 www.cescor.it www.cescor.co.uk info@cescor.it</p>	<p>Cescor is a specialistic engineering company active in the field of the asset integrity. For more than thirty years we have been working with passion to provide the industry with constantly refined and updated expertise in the fields of corrosion, materials performance, cathodic protection and inspections. Over time, we have enhanced our vision by focusing on integrity and durability, sustainability, and everyone's safety.</p> <p>Cescor operates in the sectors of energy, pipelines, offshore, reinforced concrete, infrastructures, employing a number of highly qualified specialists, with projects accomplished all over the world.</p>	<p>EXHIBITOR</p>	<p>Module 6 - Stand 34</p>
 <p>Via Piemonte, 19/21/23 25031 Capriolo (Bs) ITALY Tel. +39 030 74 60 669 info@chemicalnewtech.com www.chemicalnewtech.com</p>	<p>With over 15 years of experience, we manufacture insoluble MMO coated titanium anodes in all standard industry sizes.</p> <p>Our customers use them to successfully protect their projects around the world, from Oil&Gas, offshore and onshore, to steel reinforced concrete structures, to tanks and more.</p> <p>Along with the ICCP anodes, our electrodes are widely used in basic inorganic chemistry processes such as chlorine and caustic production, hypochlorite generation, water disinfection, antifouling treatments and electrometallurgical processes.</p> <p>We are proud to highlight our new catalytic coatings for Green Hydrogen production and humbly look forward to helping the global energy transition.</p>	<p>EXHIBITOR</p>	<p>Module 6 - Stand 44</p>
 <p>Av de Dom Mendo, 831 (antes EN 13 km 6) 4474-009 Maia Portugal Tel. +351 229 405 329 customerservice@cin.com www.cin.com/performance-coatings</p>	<p>CIN Performance Coatings, a brand of the CIN Group The largest Iberian paint and varnish company. CIN is dedicated exclusively to the production and marketing of paints, varnishes and related products.</p> <p>With the mission to provide the best solutions with the best team, CIN works every day for customer satisfaction, with the commitment to supply with integrity, product excellence, innovative products and services of proven quality.</p> <p>Always aware of sustainability and environmental impact, at CIN Performance Coatings we formulate our products based on the most advanced technologies, complying with rigorous standards.</p> <p>CIN Performance Coatings is your ideal partner for the most varied areas of the market. Activity: Liquid and Powder Coatings for Anti-corrosive protection of metal: structures, equipment and industrial products; passive fire protection; protection of reinforced concrete: infrastructure and flooring; waterproofing. The best solution tailored to each client. Technical assistance with specialised and certified professionals.</p>	<p>SPONSOR AND EXHIBITOR</p>	<p>Module 6 - Stand 21</p>






 <p>Via Macaggi, 19 16121 Genova – Italy Tel. +39 010 5500235 Fax +39 010 5500288 / +39 010 5500289 m.zanone@chugoku-boat.it www.chugoku-boat.it www.cmp.co.jp/global</p>	<p>Azienda leader in Italia nel settore delle pitture navali e anticorrosive, sia per le nuove costruzioni sia per la manutenzione, Chugoku-Boat Italy S.p.A. è una società fondata nel 1989 come BOAT S.p.A. dal Gruppo Boero su licenza e tecnologia di produzione e vendita da parte di Chugoku Marine Paints Ltd.</p> <p>Nel 2012 Chugoku Marine Paints Ltd. ha acquisito la maggioranza del capitale sociale del Gruppo Boero che ha mantenuto una quota azionaria e parte delle produzioni. Chugoku-Boat Italy dispone di stabilimenti in Italia e in Olanda.</p> <p>I prodotti Chugoku-Boat Italy sono frutto della ricerca e del know-how di Chugoku Marine Paints, del Gruppo Mitsubishi, che opera dal 1917 nel settore.</p> <p>Chugoku ha oggi sviluppato tecnologie innovative in grado di ottenere le migliori prestazioni anticorrosive e antivegetative nel rispetto della protezione dell'ambiente.</p>	Module 6 - Stand 36	SPONSOR AND EXHIBITOR
 <p>CORROCO INTERNATIONAL INDUSTRIAL CO., LTD 2602, 26F-E6 Block Changsha Greenland Intercity Space Station Yuhua District, Changsha, Hunan China sabrina@corroco-china.com www.corroco-china.com</p>	<p>Corroco International Industrial Co., Ltd is a professional company engaged in electrochemistry, electrodeposition engineering technology and equipment manufacturing in Asia.</p> <p>Founded in 2000, Corroco mainly produce cathodic protection (sacrificial anode and impressed current anode), galvanic anode, hydro-metallurgical electrode, such as high-quality magnesium, aluminum, zinc sacrificial anodes and piggyback anodes to provide internal and external cathodic protection and corrosion control for oil, gas, water transmission, storage and other facilities.</p> <p>For all these years, the production and technology of Corroco has been recognized by the world and have gained good reputation from all our clients from the whole world.</p>	Module 5 - Stand 63	EXHIBITOR
 <p>Cortec Corporation 4119 White Bear Parkway St. Paul - MN 55110, USA www.cortecvci.com</p> <p>Carte Dozio Via Galileo Galilei 15 20091 Bresso (MI), Italy www.cartedozio.com</p>	<p>Cortec® Corporation is the global leader in innovative, environmentally responsible VpCI® and MCI® corrosion control technologies. Cortec® seeks to deliver cost-effective, user-friendly integrated solutions for corrosion problems in the packaging, metalworking, construction, electronics, oil and gas, and many other industries.</p> <p>Through research, testing, and direct knowledge of end user needs, Cortec® R&D continues an ongoing cycle of product discovery and improvement. Cortec's innovation is evident in the development of over 400 products and the acquisition of more than 60 patents in 40 years.</p> <p>Cortec's EU partner, Carte Dozio and its expertise acquired over almost 30 years of active collaboration in the application of VpCI technological solutions, grant the Italian Customers and End Users a skilled and reliable partnership. Carte Dozio Team can not only eliminate corrosion losses but can also improve the protection process at a variety of points.</p>	Module 7 - Stand 9	EXHIBITOR
 <p>Špruha 14 1236 Trzin Slovenija Tel. +386 1 562 2222 www.cps-cathodicprot.si info@cps-cathodicprot.si</p>	<p>CPS d.o.o. was founded in 1990 and has developed into a leading and most recognized company in the field of cathodic protection in Slovenia.</p> <p>For 30 years, we have been providing professional services in the field of corrosion protection. We offer comprehensive and sustainable solutions to corrosion problems, from development, project documentation, implementation to supervision and professional and high-quality maintenance of cathodic protection systems.</p> <p>Our team is made up of highly skilled and motivated experts who provide good, useful and successful corrosion engineering with technical and economic assessment, optimal solution selection, design and construction, as well as monitoring and maintenance.</p> <p>We are capable of most demanding technical solutions in the field of electrical installations, hazardous areas (EX) as well as grounding systems and lightning protection.</p> <p>Our protection system extends the lifetime of infrastructure and assets.</p> <p>Over the years, we have developed expertise and experience to provide professional support and sustainable solutions to our clients.</p> <p>The primary mission of our company is to preserve the value of your investments, ensure the safety of people and maintain a clean natural environment.</p>	SPONSOR	
 <p>340 Business Park Circle P.O. Box 187 Stoughton, WI 53589 USA Tel. +1 608 877 9900 Jay@dairyland.com www.dairyland.com</p>	<p>Dairyland Electrical Industries is the world's leading manufacturer of solid-state decoupling products used to isolate cathodically protected structures from grounding systems or other equipment, while simultaneously providing safety grounding for AC fault current and lightning.</p> <p>At Dairyland, it's not just about selling rugged products. We pride ourselves on being a reliable resource for complete technical guidance on applications relating to isolation, grounding, over-voltage protection, and related issues. Our values-driven culture and commitment to continual improvement position Dairyland to continue to deliver the exceptional product quality and service our customers around the world have come to expect.</p>	Module 7 - Stand 2	EXHIBITOR

 <p>800 Proctor Avenue Ogdensburg, New York 13669 USA Tel: +1-800-448-3835 (USA & Canada) Tel. +1 315-393-4450 techsale@defelsko.com www.defelsko.com</p>	<p>DeFelsko proudly manufactures PosiTector and PosiTest brand of inspection instruments including the award winning PosiTector series of interchangeable probes for measuring coating thickness, surface profile, environmental conditions, salt contamination, hardness, gloss, and wall thickness.</p> <p>Products include the PosiTector 6000 series of coating thickness gages, the PosiTest AT Adhesion Tester for measuring the adhesion of coatings, the PosiTector DPM L Dew Point Meter Logger for measuring environmental conditions, and the PosiTest HHD High voltage Holiday Detector.</p> <p>The PosiTector DPM L Dew Point Meter Logger magnetically attaches to steel structures to autonomously measure and record relative humidity, air temperature, surface temperature, dew point temperature, and the difference between the dew point and surface temperatures.</p> <p>The PosiTest HHD High voltage Holiday Detector offers unique features not commonly found in most holiday detectors including a built-in certified voltmeter and an optional hand-held wand accessory to convert the unit from a stick-type to a wand style detector. The American made PosiTest HHD uses pulse DC technology for detecting holidays in D107coatings up to 20 mm (780 mils) thick. Use with a wide range of DeFelsko or competitive electrodes.</p>	<p>EXHIBITOR</p>	<p>Module 6 - Stand 20</p>
 <p>De Nora Italy s.r.l. Via Bistolfi, 35 20134 Milan Italy Tel. +39 02 2129 2722 www.denora.com simone.tremolada@denora.com</p>	<p>With over 100 years of operating history, experience in innovation and a consolidated international experience, De Nora is the largest supplier in the world of insoluble electrodes for electrochemical applications and a major player in providing equipment, systems and processes for water disinfection and filtration.</p> <p>In the field of Cathodic protection against the corrosion of structures with ferrous base, De Nora LIDA® anodes are worldwide recognized as best-in-class products and standards for the industry both for conventional and concrete applications.</p> <p>Reliability of LIDA® products is proven by hundreds of kilometers installed in more than 30 countries all over the world. Expected design life exceed NACE standards: 100 years at full rated current output of 110 mA/m² in concrete.</p>	<p>EXHIBITOR</p>	<p>Module 7 - Stand 1</p>
 <p>Via Energy Park, 14 20871 Vimercate (MB) Italy Tel. +39 039 6899 905 www.dnvgl.com oilandgasitaly@dnvgl.com</p>	<p>Driven by our purpose of safeguarding life, property and environment, DNV enables organizations to advance the safety and sustainability of their business. Operating in more than 100 countries, our professionals are dedicated to helping our customers in the maritime, oil and gas, energy and other industries to make the world safer, smarter and greener.</p> <p>In the energy industry, we enhance safety, increase reliability and manage risks in projects and operations. Our oil and gas experts offer local access to global best practice in every hydrocarbon-producing country. Driven by a curiosity for technical progress, we provide a neutral ground for collaboration; creating competence, sharing knowledge and setting industry standards.</p> <p>Our independent advice enables companies to make the right choices. Together with our customers, we drive the industry forward towards a safe and sustainable future.</p>	<p>SPONSOR AND EXHIBITOR</p>	<p>Module 8 - Silver Stand</p>
 <p>Via F.lli Cervi, 7 20025 Legnano (MI) - Italy Italy Tel. +39 0331 408511 www.donelli.it impresa@donelli.it</p>	<p>Impresa Donelli is part of Donelli - Corrosion Protection Applications Since 1911. It is dedicated to executing on site the most demanding anti-corrosion, fireproofing and insulation needs of energy, petrochemical and chemical facilities. The Legnano business unit is focused on onshore and more specifically hydropower projects, while the Ravenna business unit is specialized on offshore installations.</p> <p>Impresa Donelli is active in continental Europe and via sister enterprises in Albania and Mozambique. In addition, it can count on the complementary services provided by 5 state of the art painting shops located in Northern Italy and one under construction in Albania. This dual approach, yet managed by the same team, allows most of the surfaces to be coated in shop with completion and touch-ups executed on site. This has proven a successful approach in large projects such as those requiring fireproofing.</p> <p>All applications are carried out in strict compliance with client specifications by a UNI EN ISO 9001, ISO 14001 and ISO 45001 certified company with experienced qualified ACQPA applicators, certified AMPP, FROSIO & CORRODERE inspectors and the most reliable equipment and tools available in the industry. This ensures schedule fulfillment, meeting environmental, qualitative and safety standards.</p>	<p>EXHIBITOR</p>	<p>Module 7 - Stand 17</p>
 <p>Crema (CR) Italy Tel. +39 0373 897 21 Fax +39 0373 897 200 www.element.com</p>	<p>The Element Materials Technology Group is one of the world's leading global providers of testing, inspection and certification services for a diverse range of materials, products and technologies in advanced industrial supply chains where failure is not an option.</p> <p>Headquartered in London, UK, Element's team of more than 8,000 expert scientists, engineers and technicians operate from more than 260 locations across five continents, delivering an extensive range of solutions to customers in critical industries including aerospace, connected technologies, construction, defense, energy, environmental, life sciences and transportation.</p>	<p>EXHIBITOR</p>	<p>Module 7 - Stand 12</p>






 <p>Emergency ONG-Onlus Via S.Croce, 19 20122 Milano C.F. 97147110155 www.emergency.it info@emergency.it</p>	<p>EMERGENCY is an independent non-governmental organisation.</p> <p>It provides free, high-quality medical and surgical treatment to victims of war, landmines and poverty .</p> <p>It promotes a culture of peace, solidarity and respect for human rights.</p> <p>Since 1994, EMERGENCY has worked in 20 countries around the world, providing free medical care to over 12.5 million people in accordance with its core principles: equality, quality and social responsibility.</p>	Module 6 - Stand 29	EXHIBITOR
 <p>EMPIT GmbH Alt Biesdorf 11 12683 Berling Germany Tel. +49 30 5165 6040 info@empit.com https://empit.com/</p>	<p>EMPIT is a Berlin-based technology developer considered one of the market's fastest growing companies. It offers groundbreaking land and air pipeline inspection solutions. With out patented and in-house developed Current Magnetometry Inspection (CMI) technology, no line stop, preparation, or ILI-tool is needed to inspect buried pipelines. Inspecting from the earth's surface, CMI delivers precise 3D pipeline positioning, identifies even the smallest coating failures, and detects active corrosion in a single run. Join us at our booth to learn more about how our industry-changing innovation delivers seamless data about your pipelines. Areas CMI is used for:</p> <ul style="list-style-type: none"> - Corrosion detection - Sizing of coating holidays - AC corrosion mitigation - Geotechnical hazard monitoring 	Module 6 - Stand 30	EXHIBITOR
 <p>Via Ardeatina 2479 (Km 22,300) 00134 Rome Italy Tel. +39 06 7130 9693 Fax +39 06 7130 9296 info@europcorr.com www.europcorr.com</p>	<p>EuropCorr® Italy is specialized in design, manufacturing, sales and after sales services of Corrosion Monitoring systems mainly for Petrochemical, Oil and Gas Industry.</p> <p>Our technical experts have over decades experience on corrosion technology, providing comprehensive corrosion management solutions.</p> <p>The range of internal corrosion monitoring products includes the traditional mechanical Access Fittings, Corrosion Coupons, Corrosion & Erosion Probes, Chemical Injection & Sampling devices and Retrieval Tool Kit as well as Hydraulic Access and Retrieval system, which is the preferred system in the industry.</p> <p>The instrumentation has unique field reliability and flexibility, providing both online and offline configurations.</p> <p>We have engineering capability to provide tailored products as per clients and projects requirements.</p>	Module 5 - Stand 50	EXHIBITOR
 <p>Via Tiraboschi, 36/G 60131 Ancona Italy Tel. +39 071 2861401 www.fmengineering.it info@fmengineering.it</p>	<p>F.M. Engineering is a well-known reality over the world for service company operating in the anticorrosion field for industrial and marine applications.</p> <p>The company born on 1992 in Martinsicuro (Italy) as a Cathodic Protection Engineering firm for industrial and marine applications. Nowadays also specialized on Electromagnetic Interference calculations and mitigations.</p> <p>The company works in respect of its own quality policy, according to ISO 9001 and all its staff has the CICPND certification.</p> <p>F.M. Engineering is qualified to operate for the most important Oil&Gas Companies.</p>	Module 7 - Stand 4	SPONSOR AND EXHIBITOR
 <p>GMA Garnet (Europe) Kehrwieder 11 20457 Hamburg, Germany Tel. +49(0) 40 3014 228 info.eu@gmagarnet.de www.gmagarnet.com</p>	<p>GMA has been distributing garnet abrasives in Europe and in 1991, we opened our European head office in Hamburg, followed by branch offices in the UK, Frankfurt and Denmark and established distribution partners throughout most European countries. GMA Europe is the leading garnet abrasive supplier in Europe, Africa and in Kazakhstan.</p> <p>GMA Europe markets and distributes our world class GMA Garnet™, provides service support and offers used garnet recovery services. We offer a complete range of products for coating removal and surface preparation, waterjet cutting applications and water filtration. Through partnerships with global waterjet equipment manufacturers, we also distribute a complete line of machine replacement parts.</p> <p>Our experienced sales team works with customers to improve performance, safety and the environmental impact of abrasive blasting and to ensure peak production rates and perfect cutting edge from waterjet cutting machinery.</p> <p>GMA Europe's major bulk handling and garnet processing facilities are located in Moerdijk, the Netherlands, Antwerp, Belgium and Aulla with a total capacity to process up to 120,000 metric tons of loose bulk garnet abrasive per year and package our products into a range of options to suit our customer requirements. The plant in Aulla, Italy also reprocesses used garnet for beneficial reuse.</p>	Module 6 - Stand 33	EXHIBITOR

 <p>Via Lungobisagno Dalmazia, 71/4 16141 Genova Italy Tel. +39 (010) 8356947 www.hempel.it</p>	<p>Hempel is a world-leading supplier of trusted coating solutions, working in the protective, marine, decorative, container, and yacht industries. Across the globe, Hempel's coatings protect structures and equipment from corrosion even in the harshest environments.</p> <p>Designed for easy application, Hempel's solutions extend asset lifetimes and reduce maintenance costs while bringing colour to your homes and places of work. Hempel also provides a range of services to ensure that all our coatings are applied correctly, meet your requirements and adhere to industry standards.</p> <p>Established in Denmark in 1915, Hempel is proudly owned by the Hempel Foundation, supporting good causes around the globe, with specific focus on educating children in need, researching into sustainable coatings technology and protecting the planet's biodiversity.</p> <p>Learn more about our solutions and the industries that we serve.</p> <p>Visit www.hempel.com</p>	EXHIBITOR	Module 5 - Stand 51
 <p>MARECO – polythematic marine laboratory 19011 – Bonassola (La Spezia) - Italy</p> <p>ICMATE-CNR via de Marini 6, 16149 Genova - Italy</p> <p>Email: alessandro.benedetti@cnr.it Tel. +39 333 6196808</p>	<p>MARECO is a marine laboratory of the Institute of Condensed Matter Chemistry and Energy Technologies (ICMATE) belonging to the Department of Chemical Sciences and Materials Technologies (DSCTM) of the Italian National Council of Research (CNR).</p> <p>First opened in 1993, MARECO has been built in a 15 m deep cave facing a little sandy beach in the bay of Bonassola, near the coastal area of the Cinque Terre UNESCO human heritage (80 km from Genoa and 25 km from La Spezia).</p> <p>Completely renovated in 2023, MARECO is a multidisciplinary infrastructure active in research and studies concerning 1) marine environmental sciences, 2) materials and technologies investigation in marine environments.</p> <p>The laboratory is also aimed at scientific Institutions and private operators in the need of real seawater and atmospheric environments providing 1) 400 l mesocosms exposed or not exposed the natural photoperiod for the separation of effects induced by photo-biological processes, 2) frames for specimen exposition to the sea spray aerosol. Tailoring experimental and testing set-up is a key feature to meet specific requirements.</p>	EXHIBITOR	Module 6 - Stand 28
 <p>Industrial Cathodic Protection Via Risorgimento, 11 Fraz. Mazzo 20017 Rho MI Italy direzione@icpsrl.net www.icpsrl.net Tel. +39 02 93900935 Fax +39 02 93906384</p> <p>ICP Foundry Via F. Culcasi, 2 91100 Trapani Tel. +39 0923 536019 info@icpfoundry.com www.icpfoundry.com</p> 	<p>The ICP group is composed by:</p> <p>ICP srl, based in Milano and founded in 1971. ICP srl main activity is ONSHORE CATHODIC PROTECTION which includes: - Engineering & Maintenance Services - Manufacturing of Transformers Rectifiers, Junction Boxes, Impressed current anodes, reference electrodes, and other.</p> <p>ICP Foundry, based in Trapani and founded in 2015. ICP Foundry main activity is OFFSHORE CATHODIC PROTECTION which includes manufacturing of sacrificial anodes for: - Jacket - Sealines - Immersed Structures - Others</p>	EXHIBITOR	Module 6 - Stand 32
 <p>Istituto Italiano della Saldatura Lungobisagno Istria, 15A 16141 Genova – Italy Tel. +39 010 8341 1 Fax +39 010 8367 780 www.iis.it iis@iis.it</p>	<p>The Italian Institute of Welding Group (IIS) is constituted by the Italian Institute of Welding - a non-profit Association - and two limited companies: IIS CERT and IIS SERVICE solely owned by the Italian Institute of Welding. The IIS Group is characterized by a multidisciplinary and versatile structure, consisting of operating divisions specialized in different areas of expertise, offering comprehensive services in many industries, such as oil & gas, civil and industrial infrastructures, power generation, transportation, chemical, electromechanical and manufacturing, in Italy and abroad.</p> <p>The Italian Institute of Welding operates for its institutional purposes of dissemination of knowledge in the field of welding and incorporates staff functions for the entire Group. IIS aims at "promoting and encouraging in every field the development of welding and allied technologies, contributing to its knowledge and diffusion". For this purpose, IIS is strongly committed in information and dissemination activities. Furthermore manages the Laboratory for testing materials and components and is engaged in research funded programs.</p>	EXHIBITOR	Module 7 - Stand 14
 <p>Corso Torino, 5/12 16129 Genova Italy Tel: +39 010 5958119 www.imc-quorum.com info@imc-quorum.com</p>	<p>IMC Engineering is an independent engineering company specialised in corrosion prevention systems, protective coatings, passive fire protection, cathodic protection, thermal and acoustic insulations. The services are mainly addressed to Marine, Oil&Gas Infrastructures and Mega Yacht industries.</p> <p>IMC develops its activity focusing the technical and specialized interventions including preparation and revision of specifications and procedures, coating condition survey, inspections, supervision and quality control during new construction and refurbishment, project management, failure analysis, laboratory analysis, arbitrations and disputes, fully supported by a team of a highly qualified coating inspectors, AMPP or FROSIO certified, and certified protective coating specialists.</p> <p>IMC is the official licensee in Italy for the AMPP Courses.</p>	SPONSOR AND EXHIBITOR	Module 7 - Stand 3

 <p>Via Petronio, 8 34015 Muggia (TS) Italy Tel. +39 040 2398 111 www.jotun.com protective@jotun.it</p>	<p>Jotun is one of the world's leading manufacturers of decorative paints, marine, protective and powder coatings.</p> <p>The Group has 67 companies, 46 countries and 40 production facilities on all continents, and more than 10000 employees.</p> <p>Jotun products are available in more than 100 countries through own subsidiaries, joint ventures, agents, branch offices and distributors. The Jotun Group's sales in 2022 was NOK 28 billion.</p> <p>The Jotun Group is organized into four segments and six geographical regions, and has its head office in Sandefjord, Norway.</p>	Module 7 - Stand 11	EXHIBITOR
 <p>Via di Pianvallico, 12/D 50038 Scarperia (FI) Italy Tel. +39 055 8430620 www.larsitalia.it info@larsitalia.it</p>	<p>Lars Italia, based close to Florence, has been manufacturing cathodic protection power supplies since 1985.</p> <p>We mainly produce SCR, switching and magnetic amplifier power supplies with local and remote control.</p> <p>We also produce:</p> <ul style="list-style-type: none"> - Custom power supplies oil and air cooling compliant with Customer specifications - Main power supply panels for cathodic protection systems - Supply and internal mounting of street cabinets. 	Module 6 - Stand 48	EXHIBITOR
 <p>Via Cafiero, 22 20158 Milano Italy Tel. +39 02 376731 www.mapei.com mapei@mapei.it</p>	<p>Founded by Rodolfo Squinzi in 1937 in the city of Milan, Mapei is now one of the world's leading manufacturers of chemical products for the building industry and has contributed to the construction of some of the most important architectural and infrastructural works worldwide.</p> <p>Thanks to its vocation for innovation and continuous research work, Mapei proposes quality, durable solutions that care for the planet and people for increasingly sustainable building.</p> <p>Mapei provides the building market with a full range of more than 20 product lines covering every field of application to meet all the needs of the building industry. In particular, Mapei offers a wide range of products for the protection of structural and architectural reinforced concrete structures and for the prevention of corrosion due to aggressive environment.</p>	Module 6 - Stand 37	EXHIBITOR
 <p>Via Praga, 22 38121 Trento Italy Tel +39 0461 994899 www.mated.it info@mated.it</p>	<p>Mated srl is a private and independent company internationally recognized as a TESTING LABORATORY and INSPECTION BODY in the field of durability of MATERIALS.</p> <p>TESTING LABORATORY Accredited ISO 17025 Independent laboratory providing quality control test, failure analyses as well as R&D services on paint, coating, insulation, under the most updated international testing protocols.</p> <p>NOTIFIED INSPECTION BODY Accredited ISO 17020 Highly qualified technicians for quality control (QC), quality assurance (QA) and expediting services in the fields of coatings, welding, and non-destructive testing, both onshore and offshore. Inspection staff and associates are trained to AMPP, FROSIO, I-Corr, SSPC, CSWIP and NDT ISO 9712.</p>	Module 6 - Stand 45	EXHIBITOR
 <p>Mediapoint & Exhibition srl Corte Lambruschini C.so Buenos Aires, 8 V° piano - interno 7 16129 Genova - Italy Tel. +39 010 5704948 Fax +39 010 5530088 info@mediapointsrl.it</p>	<p>MEDIAPPOINT & EXHIBITIONS SRL has represented for over 30 years specialized magazines and foreign trade fairs in the following sectors: construction / building; lifting / handling; logistics; drilling / special foundations; mining & quarrying; concrete; oil & gas / energy; welding; aluminum / sheet metal processing; industrial cleaning; railway industry; waste management; water treatment; plastic / rubber.</p> <p>The activities of MEDIAPPOINT & EXHIBITIONS also include the publication of b2b magazines and websites for the Italian market and the organization of trade fair events, all of which are already of international relevance"</p>	Module 6 - Stand 39	EXHIBITOR

 <p>MONTIPOWER Surface Preparation Technologies Part of Monti Group</p> <p>MontiPower BV Tjariet 3 9909 BZ Spijk The Netherlands Tel. +31624221502 herman.devries@montipower.com https://montipower.com</p>	<p>MontiPower® is a german company, part of the Monti Group from the Netherlands. The World of MontiPower® is all about avoiding disagreement over quality of corrosion prevention systems and surface preparation.</p> <p>From A-Z, from cleaning to education, the Monti Group helps to take care dealing with fighting corrosion. The Group deals with Cleaning, Preparation, Coating, Reinforcement, Testing and Education via it's www.corrosionalliance.com educational platform; Mtest for cleanliness, surface profile testing equipment and famous products as the bristle blaster to remove mill scale, corrosion, rust and existing coating. The Bristle Blaster creates a new profile to ensure the best possible bond for protective coatings and sealants.</p> <p>Via Corrosion-Alliance the group offers solution to check for Chromate 6 content in existing coatings, or check for microbiologically influenced corrosion. The Group is strong in offering alternate clean, safe, economical and applicator-friendly long-term solutions.</p>	Module 6 - Stand 26	EXHIBITOR
 <p>NDT Global GmbH Friedrich-List-Str. 1 76297 Stutensee Germany www.ndt-global.com europe@ndt-global.com</p>	<p>NDT Global is the leading provider of ultra-high-tech diagnostic inspection solutions, advanced data analysis and integrity assessment services for ensuring the safety and longevity of energy-sector infrastructure assets. NDT Global strategically applies its inspection technologies to detect, diagnose and model various types of threat—circumferential or axial cracks, metal loss, geometry, mapping, and more—across diverse classes of assets.</p> <p>By providing predictive, decision-ready insights driven by the world's most accurate data, NDT Global enables the conditions for asset owners to optimize infrastructure health and drive operational efficiencies while reducing risk and minimizing their carbon footprint. NDT Global is a Previa Business Unit. Previa is a fast-growing, innovative, and private industrial technology group focused on advanced diagnostic technologies to monitor the world's infrastructure health.</p>	Module 8 - Silver Stand	SPONSOR AND EXHIBITOR
 <p>Nippon Steel Corporation 6-1, Marunouchi 2-chome Chiyoda-ku, Tokyo 100-8071 Japan Tel. +81 3 6867 5987 www.nipponsteel.com</p>	<p>Nippon Steel is the world-leading integrated steel producer.</p> <p>Nippon Steel makes a wide range of value-added steel products, especially high-end seamless pipes used in oil and gas development and other energy areas.</p> <p>Pipes and tubes for various pipelines, automobiles manufacturing and construction / industrial machinery are also of strength.</p>		SPONSOR
 <p>Via Monviso, 56 20900 Monza (MB) Italy Tel. +39 039 748 983 www.omecosl.it</p>	<p>For over 50 years, Omeco has been the benchmark for companies to ensure the suitability, safety and conformity of materials, components, products, machinery and plants providing a large number of tests and services:</p> <p>Corrosion tests (also approved by SAIPEM, SNAMPROGETTI, CASALE, NORSOK,...), Failure and Corrosion analysis, Mechanical, technological and metrological tests, Chemical and Metallurgical analyses, Industrial Computed Tomography to check defects, geometric configuration and dimensional controls, Non-destructive testing: all the methods (also approved by STUK for, Nuclear installations in Finland) up to UT phased array, TOFD and digital radiography, leak tests, hydraulic proof test, Tests customized on client needs, test on construction materials, Training and certification of NDT personnel according to ISO 9712, Technical support for welding operations from the project to the qualification, from the fabrication to the operation.</p>	Module 7 - Stand 15	SPONSOR AND EXHIBITOR
 <p>Laboratorio di corrosione dei materiali "Pietro Pedeferrì" Via Mancinelli, 7 20131 Milan – Italy Tel. +39 02 2399 3152 Fax +39 02 2399 3080 http://polilapp.chem.polimi.it/ polilapp-dcmc@polimi.it</p>	<p>PoliLaPP – Laboratorio di corrosione dei materiali "Pietro Pedeferrì" combines its experience in the world of corrosion and protection of metals in natural environments (soil, water, atmosphere), industrial (chemical and petrochemical) and in reinforced concrete to a consolidated competence in training and research activities.</p> <p>PoliLaPP is specialized in the following activities:</p> <ul style="list-style-type: none"> • research in the field of materials corrosion and corrosion prevention • industrial consultancies and corrosion engineering • failure analysis and corrosion tests • customized training courses 	Module 7 - Stand 6	EXHIBITOR

 <p>Via Lazio, 4 Zona Industriale Gello 56025 Pontedera (PI) Italy Tel. +39 0587 295170 Fax +39 0587 295991 www.pontlab.it info@pontlab.it</p>	<p>Pontlab is one of the main laboratories for material characterization and research located in Italy. From more than 20 years supports the Industry combining advanced technical competences, laboratory examinations and controls.</p> <p>The Metallic Materials Department operates in Microstructural Analysis, Failure Analysis, Erosion, Corrosion and Stress Corrosion Testing both in low and High Temperature/Pressure. Pontlab provides test and analysis services to more than 300 industrial customers per year in different industrial sectors, such as steelmaking, automotive, energy, chemicals, aerospace. Furthermore, it operates in connection with universities and institutions, participating in several research projects.</p> <p>Pontlab is the only ISO 17025 accredited laboratory in Italy for the SlowStrainRate in H₂ (high pressure gaseous hydrogen) method in accordance with ASTM G142 standard, needed to evaluate hydrogen sensitization of materials.</p>	Module 7 - Stand 16	SPONSOR AND EXHIBITOR
 <p>Dr. Giuseppe Cannavale Resimac Ltd Authorized Distributor Tel. +39.335.6044377 giuseppe@cannavale.it www.cannavale.it www.resimacsolutions.com</p>	<p>In our entrepreneurial journey, we began with a passion for innovation and a determination to tackle the most complex challenges in the Maintenance and Refurbishment of Heavy Duty Plants.</p> <p>Erosion-Corrosion, Abrasion, Cavitation, Friction Reduction are the typical issues we want to deal with.</p> <p>More than 27 years of experience let us know that nothing should be undervalued: From Surface Preparation to Holiday Checks, from Operating Conditions to Structural Design Thickness, Materials and many more..</p> <p>A Tight Knit Network of AMPP Inspectors, Corrosion Specialists, Mechanical Engineers, Coating Applicators and Contractors.</p> <p>A Research Center with a giant Blasting Cabinet in Milan Area, where Customers can conduct preliminary non-destructive and every sort of magnetic tests to better understand the nature of the interventions to be undertaken, or trained to simulate on-site applications.</p> <p>A Daily Partnership with RESIMAC Ltd Team, well known as one of the Most Talented and Dynamic Producers of Innovative Composites and Industrial Coatings, honored to be Authorized Distributor since 2013.</p>	Module 6 - Stand 31	EXHIBITOR
 <p>Via Antonio Cecchi, 8 Genoa Italy Tel. +3901031961 info@rina.org www.rina.org</p>	<p>RINA is a multinational company that helps clients build successful businesses through a network of 5,300 talented professionals worldwide.</p> <p>Within RINA Group, CSM (which stands for Materials Development Centre, located in Rome) has a worldwide recognized innovation capacity based on its own know-how, developed during more than fifty years of industrial projects in sectors related to steel, energy, metals and ceramic, power generation, transport and defence.</p> <p>In particular, we have an extensive international experience on a wide range of materials production, testing and assessment focused on corrosion and stress corrosion, and covering product and process development, asset integrity management, prototyping & testing, material selection & qualification, fitness for service.</p> <p>An important field of interest is energy and the environment, in which CSM exploits the knowledge it has developed on processes and technologies envisaging materials exposed to severe and challenging environments</p>	Module 6 - Stand 35	EXHIBITOR
 <p>Via M. Carboni, 1 66100 Chieti Scalo (CH) Italy Tel. +39 0871 563 345 Fax + 39 0871 552 300 info@rivecogeneralsider.it export.sales@rivecogeneralsider.it www.rivecogeneralsider.it</p>	<p>Riveco Generalsider (RGS) S.p.A has been on the steel pipes domestic and international market for over 60 years and has now become a reference industrial group in the energy and infrastructure sectors. RGS is strongly specialized in the production of welded carbon steel pipes, high density polyethylene pipes and in the application of anti-corrosive coatings on carbon steel pipes, including 3LPE, 3LPP, FBE, internal linings and concrete overweighting for submarine pipelines.</p> <p>We provide complete solutions in the pipeline industry thanks to the experience gained over the years.</p> <p>We implement an accurate control of the supply chain starting from the supply of high quality raw materials.</p> <p>We have accepted the challenge of competing with markets in continuous transformation and growth, focusing on the enhancement of our customers, the excellence and reliability of our products, the effectiveness, efficiency and flexibility of our organization, on a global approach.</p>	Module 6 - Stand 22	EXHIBITOR
 <p>Via Pian di Botine, 18/A 06019 Umbertide - PG</p> <p>Via Alessandro Brambilla, 70/D 27100 Pavia</p> <p>infoline@saitrls.com www.saitrls.com</p>	<p>SAIT s.n.c., founded in 1981, launched itself on the market with generic excavation works for the laying of pipelines and works of cathodic protection. In 1990, the company broadens its range by entering specific services in the field of cathodic protection, i.e. systems designed to prevent corrosion of underground pipes and other structures subject to corrosion such as aqueducts, underground tanks, district heating, natural gas pipelines, oil pipelines, columns of liquid oxygen, reinforced concrete, tanks.</p> <p>Over the years, SAIT s.n.c. has trained its staff through specialized courses obtaining 3rd level certifications UNI EN ISO 15257:2017 of cathodic protection according to the law and in 2001 it has obtained the ISO 9001/2000 certification.</p> <p>In 2009 the company expands its workforce in order to give a better assistance to its clients by integrating qualified staff as metric manufacturers for the installation and calibration of industrial gas correctors.</p> <p>In 2014, the SAIT s.n.c. turns into SAIT s.r.l.s.</p> <p>In 2016 SAIT s.r.l.s Inserts the all-inclusive anti-corrosion sector, the corrosion control service for district heating pipes, providing, installing and maintaining Hoc anti-corrosion control units.</p> <p>In 2022 SAIT s.r.l.s. becomes SAIT s.r.l., as a company forming part of a holding company.</p>	Module 6 - Stand 41	EXHIBITOR

 <p>Tower Works – Kestor Street Bolton BL2 2AL – UK Tel. +44 (0) 1204 521771 Fax +44 (0) 1204 382115 www.sherwin-williams.com/protectiveEMEA Zohra.Ali@sherwin.com</p>	<p>Ranked No.1 coatings company in the world Sherwin-Williams manufactures and supplies high performance protective coatings to a vast number of industries.</p> <p>Whether providing passive fire protection from the world class FIRETEX® range, or high performance anti-corrosive coating solutions.</p> <p>Sherwin-Williams is committed to developing and delivering innovative protective and marine coatings, unparalleled service and expert specification support to its customers.</p>	Module 6 - Stand 47	EXHIBITOR
 <p>Strada della Barianella, 1/B 29015 Castel San Giovanni (PC) Italy Tel. +39 0523 881 900 Fax +39 0523 842 903 siderstest@siderstest.it www.siderstest.it</p>	<p>SIDER TEST is a strategic partner for national and international Companies that operate in the production and processing of metallic materials and want to achieve high levels of quality and efficiency.</p> <p>Our company was born in 1989 as material testing laboratory for the mechanical industry; in 2002 the laboratory adjusted its quality management system in order to comply with ISO/IEC 17025 the International Standard stating the “General Requirements for the Competence of Testing and Calibration Laboratories”.</p> <p>SIDER TEST carries out several kinds of mechanical, chemical, metallographic, corrosion and non-destructive tests in accordance with accredited methods, failure analysis examinations and metallurgical consultancy activity.</p> <p>Thanks to its experience about corrosion tests the laboratory obtained several approvals from many important Oil & Gas companies, EPC contractors and equipment manufacturers.</p>	Module 7 - Stand 13	EXHIBITOR
 <p>Via del Lavoro, 7 20060 Pozzo d'Adda (MI) Italy Tel. +39 02 9096 7142 Fax +39 02 9096 8237 info@smtsrl.com www.smtsrl.com</p>	<p>SMT testing laboratory and Workshop was founded in 1993 and during its 30 years of activity focused on Customer needs increased the quality and the completeness of the technical offer.</p> <p>Laboratory core business in material, mainly for companies working in oil and gas, upstream and downstream, piping, energy, chemical, pharmaceutical, nuclear and automotive.</p> <p>Activities of SMT laboratory can be summarized as following: - Product and welding processes qualification and certification testing (accreditation by Accredia) - Consulting for any kind needs, from design to production, from service for prevention and failure analysis.</p> <p>Managed with six main departments: Workshop, Corrosion and Chemical, Mechanical and Technological, Metallographic, Fracture Mechanics and Training Courses.</p>	Module 6 - Stand 24	SPONSOR AND EXHIBITOR
 <p>Via della Pace, 33 20098 S. Giuliano Milanese (MI) Italy Tel. +39 02 738 12 41 Fax +39 02 713841 info@tecma.it www.tecma.it</p>	<p>TECMA is a trusted partner of many Oil & Gas Companies in EMEA offering turn-key high-end services and specialty products for Pipelines, including: Pre & De-commissioning services, Special Cleaning and In Line Inspection, Integrity Consultancy, Real-Time and Remote Pig Tracking, lodged Pigs Detection, Composite Pipeline Repair, Hot-Tap & Plugging interventions, Piggable Isolation Plugs, Project Management, Hydraulic Review and ILI procedures. Supply & Rental of Pigs, Trap closures, Pigs Signallers and NDE inspection technologies.</p> <p>We offer long-term, field proven, solutions for “difficult to pig pipelines”.</p>	Module 8 - Silver Stand	SPONSOR AND EXHIBITOR
 <p>Dalmine S.p.A. Piazza Caduti 6 Luglio 1944, 1 24044 Dalmine (BG) - Italy Tel. +39 035 560 111 www.tenaris.com</p>	<p>Tenaris is the leading manufacturer of pipes and related services for the world's energy industry and certain other industrial applications.</p> <p>Our manufacturing system integrates steelmaking, pipe rolling and forming, heat treatment, threading and finishing across 16 countries.</p> <p>We also have an R&D network focused on enhancing our product portfolio and improving our production processes.</p> <p>Our team, based in more than 30 countries worldwide, is united by a passion for excellence in everything we do.</p>		SPONSOR

 <p>Via Piave 20/11 20071 Vermezzo con Zelo (MI) Italy Tel. +39 02 9440501 Fax +39 02 9449087 info@tesigroup.com www.tesigroup.com</p>	<p>We are innovation, reliability, quality. We are TESI and for over 40 years, we have been designing, manufacturing and distributing worldwide products and accessories for the Energy, Oil & Gas, petrochemical and chemical industries, both for onshore and offshore projects. The wide range of solutions we offer today is the result of the synergistic and timely management of our three divisions:</p> <ul style="list-style-type: none"> • CORROSION PROTECTION for anticorrosive coatings to preserve infrastructures integrity; • PIPELINE EQUIPMENT for pipelines construction projects; • IGNITION SYSTEMS for every combustion process. <p>Our Corrosion Protection Division produces ENVIRAWRAP and its derivatives for the corrosion protection of inshore and offshore structures in both the splash zone and subsea where corrosion of the steel is a concern. Designed to eliminate the need for primer, fillers and spiral wound tapes, Envirawrap's elastic memory four and six-layer dedicated composite fabrics provides both active and passive corrosion protection when impregnated with corrosion-inhibiting gel.</p>	Module 6 - Stand 43	SPONSOR AND EXHIBITOR
 <p>Mülheimer Strasse 16-22 68219 Mannheim Germany Tel. +49 621 8901 824 protegol@tib-chemicals.com www.tib-chemicals.com</p>	<p>TIB Chemicals is one of the global leaders in industrial coatings for the pipeline industry, specialized in polyurethane coating systems.</p> <p>Our product portfolio PROTEGOL® are highly durable protective Polyurethane coatings, which hold an extensive track record in serving the oil, gas and water industries. PROTEGOL® Coatings stands for premium longevity carrying the quality assured through being "Made in Germany".</p> <p>Additionally, TIB Chemicals strongly invests in R&D to serve markets such as architectural flame retardants and intumescent coatings as well as sustainable energies.</p> <p>Our focus is on engineering customized coating solutions, while our commitment and strength is treating customers as our partners.</p> <p>PROTEGOL® Coatings – We protect assets!</p>	Module 6 - Stand 42	EXHIBITOR
 <p>8 rue d'Athènes 75009 Paris France Tel. +33(0) 1 7062 9474 www.trentoncorp.com</p>	<p>Since 1949, Trenton has pioneered the development of wax-based anticorrosion products including Wax-Tape® brand anticorrosion wrap systems, with primers, wraps and outerwraps for added mechanical protection.</p> <p>The Wax-Tape® brand anticorrosion wrap system includes Wax-Tape #1 anticorrosion wrap that remains flexible, excelling in underground applications, Wax-Tape #2 anticorrosion wrap firms up, providing added mechanical protection aboveground, while Wax-Tape HT-3000 provides protection for operating temperatures up to 230°F (110°C).</p> <p>Trenton is a leader in the development of casing fillers for pipeline and cable casings. There are many environmental and application benefits to Trenton products.</p>	Module 7 - Stand 10	EXHIBITOR
 <p>VECTOR CORROSION TECHNOLOGIES LIMITED St Luke's House, 27a Upper High Street, Cradley Heath Birmingham, West Midlands, B64 5HX, UK Tel.: +44 (0)1384 671400 KeelyK@Vector-Corrosion.com www.Vector-Corrosion.com</p>	<p>Vector Corrosion Technologies is one of the world's leading suppliers of corrosion mitigation products and services for reinforced concrete structures, post tensioned bridges, steel structures, marine structures and steel framed buildings.</p> <p>Trading for over 50 years, Vectors on-going focus on research and development has brought numerous patents and industry awards.</p> <p>Vector assists thousands of clients with innovative solutions to stop or control corrosion. In 2018 Vector launched the first self-contained hybrid anode: Galvashield Fusion; delivering the benefits of both ICCP and galvanic anodes in a single unit.</p> <p>The Vector name is synonymous with integrity, expertise and experience.</p>	Module 6 - Stand 27	EXHIBITOR
 <p>Zhejiang Yuxi Corrosion Control Corporation 6/F, Tianlu Building, 767 Liangzhu RD Ningbo 315100 P.R.China Tel. +86 13456159660 Fax +86 (0)574 8388 2238 www.yuxi-anode.com yuxi@yuxi-anode.com</p>	<p>Headquartered in Ningbo, YUXI has over a 20-year heritage of innovation in corrosion control science and technology. We're a spirited team of ambitious thinkers and pioneer sheep with a common goal in mind: protect our clients' assets from corrosion with cost-saving measures.</p> <p>We have the most comprehensive catalog of cathodic protection materials including anodes, transformer rectifiers, backfills, coatings, etc.</p> <p>Approved by Aramco, Total, Kuwait Oil Company, SLB, McDermott, we have built long-term business relationship with more than 1,000 customers across over 50 countries and gain an international reputation in the past years.</p>	Module 6 - Stand 38	SPONSOR AND EXHIBITOR

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