



NACE[®] MILANO ITALIA
INTERNATIONAL SECTION

WELCOME

to

Conference & Expo 2018

Genoa, 27-29 May 2018

“A European event for the Corrosion Prevention”



Full days



Full parallel sessions



Oral presentations



Posters



Media partners

2nd Conference & Expo 2018
"A European event for the Corrosion Prevention of Oil & Gas industry"
From the industry to the industry

GENOA, ITALY
27-29 May 2018



Attendants



Exhibitors



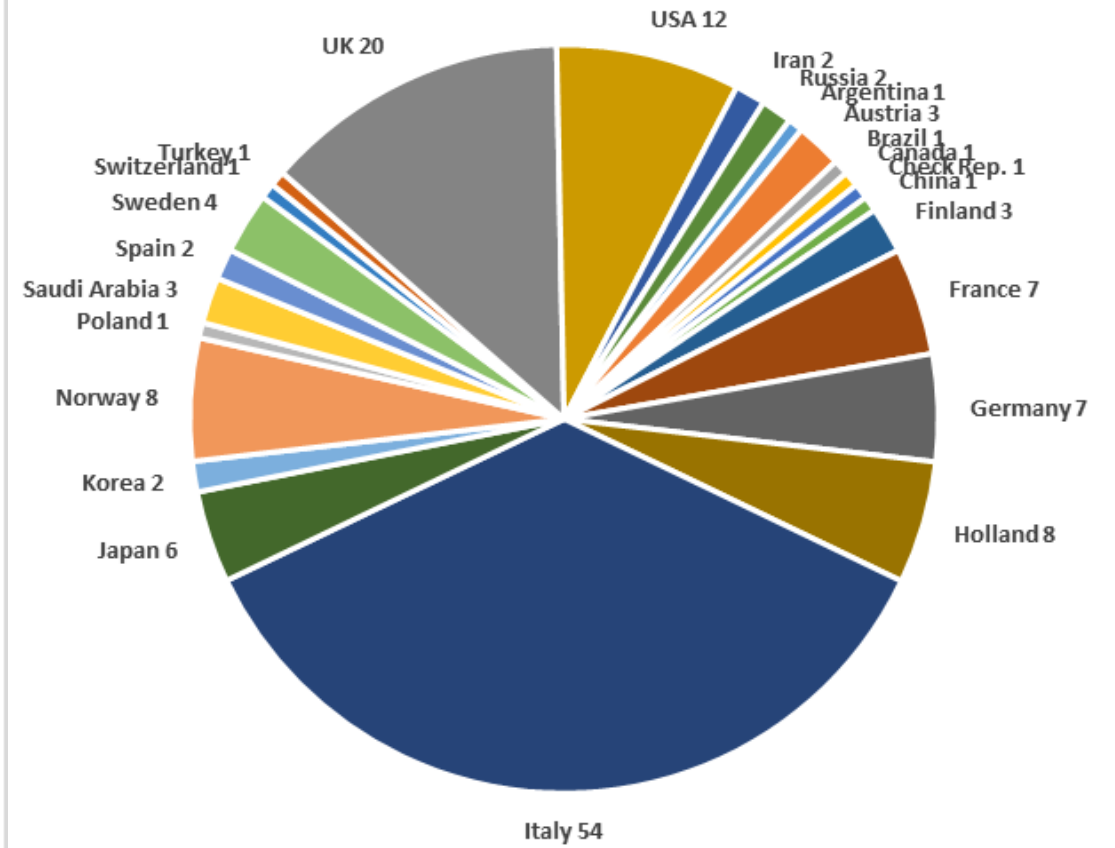
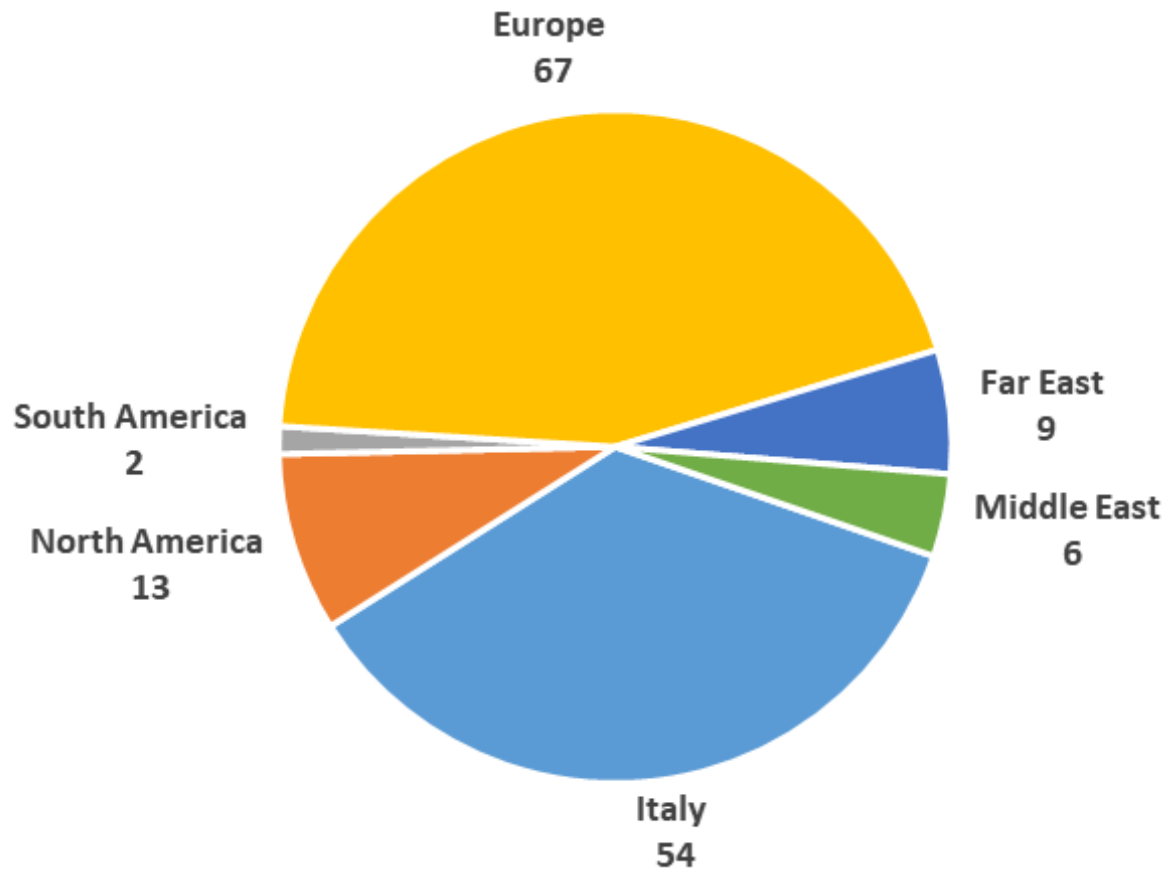
Sponsors



Companies

Sources of Presentations

Geographical distribution of submitted abstracts



DATE	TIME	Rooms - 3rd Floor		Rooms - 2nd Floor		
		Scirocco	Libeccio	Levante	Ponente	Tramontana
Sunday May 27th	19:00-21:00	Magazzini del Cotone Registration, EXPO Opening and Welcome Cocktail				
Monday May 28th	08:30-08:40	Opening Remarks				
	08:40-09:30	Plenary Lecture: Impact Plus				
	09:30-10:20	Coffee Break				
	10:20-12:30	O&G Pipelines <i>Mat Selection</i>	O&G Upstream <i>Cost Saving</i>	Protective Coating	Stainless Steel in Refinery	Failure Analysis
	12:30-14:00	Lunch				
	14:00-15:40	O&G Pipelines <i>Corrosion Assessment</i>	O&G Upstream <i>Cost Saving</i>	Protective Coating	Stainless Steel in Refinery	Failure Analysis
	15:40-16:20	Coffee Break				
	16:20-18:00	O&G Pipelines <i>RBI</i>	O&G Upstream <i>Fugacity</i>	Protective Coating	Stainless Steel in Refinery	Inhibitors and Monitoring
	09:30-18:00	Exhibition Hall EXPO				
	20:00	Palazzo della Meridiana - Gala Dinner				
Tuesday May 29th	08:30-10:10	O&G Pipelines <i>RBI</i>	O&G Upstream <i>Forgings</i>	Pipeline Coating	Cathodic Protection	Inhibitors and Monitoring
	10:10-10:50	Coffee Break				
	10:50-12:30	O&G Pipelines <i>Sour Service</i>	O&G Upstream <i>Martensitic SS</i>	Pipeline Coating	Cathodic Protection	O&G Upstream <i>AD Manufacturing</i>
	12:30-14:00	Lunch				
	14:00-15:40	O&G Pipelines <i>Sour Service</i>	O&G Upstream <i>Martensitic SS</i>	CRA & Welding	Cathodic Protection	O&G Upstream <i>AD Manufacturing</i>
	15:40-16:20	Coffee Break				
	16:20-18:00	O&G Pipelines <i>Sour Service</i>	MIC	CRA & Welding	Cathodic Protection	O&G Upstream <i>AD Manufacturing</i>
	18:00-19:00	Closing Remarks and Farewell Cocktail				
	10:00-19:00	Exhibition Hall EXPO				

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		Scirocco	Libeccio	Levante	Ponente	Tramontana	
Monday May 28th	08:30-08:40	Opening Remarks					
	08:40-09:30	Plenary Lecture: Impact Plus					
	09:30-10:20	Coffee Break					
			Oil & Gas Pipelines	Oil & Gas Upstream	Coating Technology	Workshop on the use of Stainless Steels in the Refinery Industry	Failure studies in transportation and power generation
			Material Testing and Selection	Cost effective material solutions for well tubing and equipment			
			Chair: M.Celant - C.Fowler	Chair: P.Nice - L.Scoppio			
	10:20-10:45		S.B.Axelsen, P.I.Nice - Statoil, 'Cost-Effective Well Material Selection - Three Case Histories from the Norwegian Continental Shelf'	J.Petersen - Petersen Consulting, 'Coating failure analysis - three different causations'	R.Ceppi - Wood, 'Selection of Materials for Sour Water Strippers overhead circuit'	P.Micheloni, M.Serra, M.Pesce - Italian Institute of Welding - IIS, 'Application of API 941 8th edition 2016'	
	10:45-11:10	A.Hojna, F.Di Gabriele - Centrum Vyzkumu Rez, 'Time to initiation of environmental cracking from accelerated testing'	P.Cavassi, G.Nutricato, N.Mc Intosh, R.Balistreri - Eni, 'The Application of a Fibreglass Liner in Well Tubing as Cost Effective Material Option'	J.Azevedo - Sherwin Williams, 'Adopting UHP water jetting as surface preparation method over aged and new steel: how coatings can help?'	A.Spaghetti, J.Howing - Sandvik, 'Experiences with high performance materials in oil refinery applications'	S.Porrazzo, P.Cioffi, M.Battagliarin, M.E.Gennaro, C.Romano, L.Pardo - Eni, 'Failure Analysis of a fire water pipeline in offshore platform'	
	11:10-11:35	A.Scatena, A.Musetti, F.Cappuccini, A.Donato - Pontlab, 'Ripple Load Test on Corrosion Resistant Alloys'	R.Mazzina, G.Kissner, C.Morales - Tenaris, 'Cost effective tubing solution (Cr3) for sweet corrosion'	M.Harrison - Hempel, 'Fast return to service due to Hempaline linings'	A.J.Invernizzi, S.M.Volonté - Tecnimont, 'Forgotten Phenomena: the Impact of Preservation on Material Selection'	S.Yli-Olli, S.Musch, M.Marja-aho - VTT, 'Failure assessment of caustic stress corrosion cracking in low-alloyed steel'	
	11:35-12:00	M.Ostacoli, R.Amoriello, L.Cantoni, R.Gussoni, M.Piloni, C.Sampietri - Element, 'Fracture mechanics in sour service: some characterization tests on SENT and SENB specimen'	M.Wilms, H.Evin, M.Bonis, S.Huizinga, D.Gargia, B.Thomas - Shell, 'Reduction of conservatism in SSC testing for well tubulars'	I.Fletcher - AkzoNobel, 'A new coating technology to combat corrosion under insulation'	M.Quattrocchi, R.Barberini, M.Orlandini, D.Buttini - Saipem, 'Design and fabrication issues of old fashioned corrosion resistant materials for heat exchangers'	A.Antognozzi, E.Volpi, S.Trasatti - Università di Milano, 'Kiln Corrosion Issues Arisen from the Use of Alternative Fuels'	
12:00-12:25	S.Le Manchet - Industeel, 'An Update on the Limits of Use of Stainless Steels in Sour Environments'	C.Millet, V.Richoux, F.Decultieux, G.Neel, S.Song, H.Evin - Vallourec, 'Development of a cost effective Super Martensitic Stainless Steel Solution for high CO2/H2S environment'	R.Holliday - PPG, 'Do corrosion standards give adequate guidance for the performance of Passive Fire Protection?'	M.Poldi, A.Leone, M.Battagliarin, M.E.Gennaro, G.Gabetta - Eni, 'Failure analysis of reboiler tubes'	E.Rosati, M.Poldi, G.Gabetta, A.Cambi - Eni, 'Failure analysis of steam reformer catalytic tubes'		
12:25-13:45	Lunch						

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Monday May 28th		Oil & Gas Pipelines	Oil & Gas Upstream	Coating Technology	Workshop on the use of Stainless Steels in the Refinery Industry	Failure studies in transportation and power generation
		Corrosion Assessment	Cost effective material solutions for well tubing and equipment			
		Chair: M.Celant - C.Fowler	Chair: P.Nice - L.Scoppio			
	13:45-14:10	Srdjan Nestic - Ohio University, 'Localized Corrosion of Mild Steel in CO2/H2S Aqueous Environments'	H.Amaya, P.I.Nice, N.Larche, D.Thierry, L.Scoppio, M.Fiocchi, D.Matsuo, Y.Matsuda - NSSMC, 'Crevice Corrosion Risk Evaluation of Duplex Stainless Steel UNS S82551 in Treated Seawater Injection Service'	P.Ceccattini - Carboline Italia, 'The effective use of epoxy insulative coatings in the oil & gas industry'	R.Barberini, R.Braga, M.Orlandini - Saipem, 'Criteria for Selecting Materials for Gas Sweetening Plants'	S.Tuurna, P.Pohjanne, L.Carpen - VTT, 'Monitoring and in-service experiments as a tool for the life assessment of process components'
	14:10-14:35	A.Venas, S.L.Bjerke, J.P.Tronskar, S.Chong - DNV GL, 'New Revision of DnVGL-RP-F108'	S.Brunbauer, J.Klarnar, R.Sonnleitner, W.Ecker, G.Winter - Voestalpine Tubulars, 'Steel Concepts and Manufacturing Processes for optimized Performance Properties of Seamless Steel Tubulars'	J.Chmielarski, M.Swift - Armacell Engineered Systems, 'Assessing the impact of insulation choice on corrosion in a high humidity, dual temperature environment cycling between +5°C and +80°C'	C.A.Farina - Corrosion Consultant, 'Corrosion issues of Stainless Steels in Heat Exchangers'	R.Corradini, R.Zennari - Techint, 'Failure analysis of ASTM A312 UNS S31254 sea water line'
	14:35-15:00	C.Fowler - Element, 'Advances in Sour Service Testing - BS8701 and Axial Full Ring Test'	P.Gilbert, I.MacLeod - Howco, 'The View from the Middle: Cost Management in Oil & Gas Materials Distribution'	J.Petersen, S.Buter, J.W.Klijnstra - Petersen Consulting, 'Electrochemical Impedance Spectroscopy as an in-situ tool to augment coating assessment of cargo tank lining and ballast tank lining'	A.Spaghetti, J.Howing - Sandvik, 'Hyper duplex stainless steel as a viable alternative to CuNi alloys in seawater coolers'	V.Colombo, M.Pedrali - Cescor, 'Interpretation of unexpected corrosion attacks on carbon steel pipework for industrial firefighting systems'
	15:00-15:25	H.S.Klapper - Baker Hughes GE, 'Predicting Environmentally Assisted Cracking Susceptibility of Metallic Materials by using the Pitting Susceptibility Factor'	W.He, L.Finzetto, P.Olsson Artberger - Sandvik, 'Alloy 29 (UNS N08029) for Chemical Injections'	D.Traylor - Axalta, 'Conversation Starter: Faster, Less Expensive Evaluation of Internal Pipe Coatings using Electrochemical Impedance Spectroscopy'	E.Versluis - James Walker, 'Successful sealing and elimination of corrosion cracking issues for problem flanges in high temperature / pressure applications'	Sang Gyu Lee - Samsung Engineering, 'Analysis of Purge Air Pipe Failure in Gas Turbine'
	15:25-15:50	M.Askari, S.Afroukhteh - Pars Oil & Gas Company, 'Evaluation of pH stabilization technique performance in corrosion control of sour gas offshore pipelines'	Y.Kamo, Y.Ishiguro - JFE, 'Martensite-based steel OCTGs of 15Cr and 17Cr for sweet and sour environments'	S.J.Buter, G.M.Ferrari, J.Petersen - Endures, 'The basics of EIS and its value for cost effective maintenance decisions for ships'	M.R. El Naggar - Aramco Overseas Company, 'Using weld overlay and protective coatings to internally protect process equipment operate in corrosive services'	M.De Marco, E.Ferrari, P.Pietrosanti - Italian Institute of Welding - IIS, 'Can all volatile treatment be safe and robust for Industrial Boiler Water Treatment?'
	15:50-16:20	Coffee Break				

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Monday May 28th		Oil & Gas Pipelines	Oil & Gas Upstream	Coating Technology	Workshop on the use of Stainless Steels in the Refinery Industry	Inhibitors and Monitoring
		Pipeline: RBI, regulation and inspection	Workshop on fugacity vs partial pressure approach in material susceptibility			
		Chair: M.Celant - A.Pette	Chair: S.Huizinga - R.Morana			
	16:20-16:45	A.Forero, M.Bouchardy, J.C.Andraud - Bureau Veritas, 'Lifetime extension studies on pipelines: Optimizing OPEX while assets continue ageing'	S.Huizinga - Sytze Corrosion Consultancy, 'Fugacity for Corrosion Management Today'	A.López-Ortega, I.Elexpe, O.Areitioaurtena, R.Bayón, J.L.Arana - IK4-TEKNIKER, 'Wear and corrosion performance of a modified TSA/organic sealant protection system employed in offshore submerged components'	G.Garzia, G.Di Jorio, A.Scuderi - Eni, 'Corrosion assessment of an Amine reboiler'	B.Miksic, I.R.Borsic, I.Stojanovic - Cortec, 'Economic and Environmental Impact of Traditional Rust Preventatives as Compared to Novel Biobased Temporary Coatings'
	16:45-17:10	G.Gabetta, M.Conti, M.Basile, F.Podenzani, A.Bennardo - Eni, 'Mathematical models to investigate internal corrosion in pipelines'	A.J.Gerbino - AQSIm, 'Transition from partial pressure to fugacity in corrosion modeling'	C.Fisher-Zernin, A.Trisolino - Säkaphen, 'Microbiologically-Influenced Corrosion (MIC) in shell and tube heat exchangers - Root causes and a tentative technical solution via a self-disinfecting lining'	S.Tuurna, P.Auerkari, R.Pohja, P.Pohjanne, A.Jovanovic, S.Husta, U.McNiven, L.Laaksonen - VTT, 'Practical aspects of applying risk-based approaches in asset management for heat exchangers'	D.Ciferri, M.Mastria - Italmatch Chemicals, 'Combination of Glucaric acid and organophosphorus compounds to reduce the total phosphorous content in cooling tower corrosion inhibitor treatment program'
	17:10-17:35	R.Campbell, M.Smith, T.Stubbe, M.Fisher - Rosen, 'Use of Artificial Intelligence for the Integrity Management of Corroded Pipelines'	J.Hesketh, G.Hinds, A.Turnbull, H.Davies - NPL, 'Experimental validation of pH models in oilfield environments'	D.Blackwell - Belzona, 'Meeting the Corrosion under insulation challenge- Polymeric coatings: an effective alternative to aluminium thermal spraying (TSA)'	M.Pesce, M.Poldi, G.Garzia, M.Bagnardi - Italian Institute of Welding - IIS, 'Asset Integrity KPI in a Oil&Gas plant'	U.Ciardi, A.Allegrucci, M.Buccolini, M.Bruno, M.Mantarro - Chimec, 'Corrosion Inhibitor laboratory test results VS field evidences: is the laboratory telling the truth?'
	17:35-18:00	A.Venas - DNV GL, 'MARV – Smarter Risk Assessment For Safer Operations'	R.Morana, S.P.Venkateswaran, L.Smith - BP Exploration & Production, 'High Pressure Testing Methods for the Assessment of Safe Materials Operational Limits in High Pressure Sour Reservoirs'	I.Matteini, P.Noyce, G.Crevello - Echem Consultants, 'A case study on the use of Zinc Hydrogel Galvanic Anode System in a tropical environment'	G.Trevisan, F.Campanelli, C.Campanelli, F.Mondello - Rina Consulting, 'Integrity operating window development and implementation for refinery units'	F.M.Al-Mutahhar - Saudi Aramco, 'Managing Corrosion Inhibitor Treatment as a Component of Saudi Aramco Corporate Corrosion Management Program'
	09:30-18:00	Exhibition Hall EXPO				
	20:00	Palazzo della Meridiana - Gala Dinner				

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Tuesday May 29th		Oil & Gas Pipelines	Oil & Gas Upstream	Coating for pipeline	Cathodic Protection	Inhibitors and Monitoring
		Pipeline: RBI, regulation and inspection	Forged and cast low alloyed and corrosion resistant alloys			
		Chair: M.Celant - A.Pette	Chair: F.Cappuccini - L.Scoppio			
	08:30-08:55	A.G.Bologna - Tecma, 'Achieving Critical Assessments Of Pipelines Through Accurate And Reliable Inspection Information'	L.Foroni, C.Malara, L.Lherbier - Foroni, 'Corrosion Resistance of UNS S31010 High Nitrogen Stainless Steel'	D.Blackwell - Belzona, 'Delivering a Compliant Composite Solution in a Noncompliant Situation'	A.Brenna, F.Bolzoni, M.Ormellesse - Politecnico di Milano, 'Stray current non-stationary interference on buried carbon steel pipeline: interpretation of potential reading and corrosion rate'	G.Rivici, A.Catania, S.Pilati, G.Goffredi - Beaumont Italia, 'High Pressure High Temperature corrosion inhibitors for acid stimulation. Comparison between industrial products and effect of selected enhancers'
	08:55-09:20	A.Mura - Antea, 'Pipeline Integrity Management System And Risk Based Inspection, An Integrated Approach'	S.Roberts - Goodwin Steel Castings, 'Superior Properties for Super Duplex Steel'	A.Meroufel, A.Al-Sahari, A.Enezi - Saline Water Conversion Corporation, 'Accelerated ageing of Rehabilitation coatings in soil simulating solution'	T.Huck - Matcor, 'AC Mitigation Gradient Control Wire Material Selection Considerations: Zinc Ribbon vs. Copper Wire'	R.A.Di Toto, D.Parravicini - Italmatch Chemicals, 'Development of a P-free, thermally stable and readily biodegradable (OECD36) Maleic Acid based terpolymer scale inhibitor'
	09:20-09:45	Kianoosh Rockyzadeh - Kharazmi University Tehran, 'Bayesian Neural Networks (BNN) metal-loss corrosion defects growth model'	F.Cappuccini, D.Di Pietro, M.Buccioni, C.Malara, L.Foroni - Baker Hughes GE, 'Use of New Nickel Alloy UNS N09935 in Centrifugal Compressors Operating in Heavy Sour Gas Conditions'	A.Kopystynski, P.Sala - Shawcor, 'Recommendations for The preservation of pipeline coatings'	R.Coster - DNV GL, 'Predicting pipeline corrosion based on historical CP'	A.Allegretti, M.Buccolini, V.Faluomi, M.Bonizzi, E.Saluci - Chimec, 'Corrosion control in un-piggable pipelines: an innovative and field proven approach in stagnant water removal'
09:45-10:10	Igor Kolesnikov - Transkor-K, 'New approach of pipeline integrity based on Magnetic Tomography Method MTM'	G.Camicia, M.Longin - Siderforgerossi, 'Heat treatment design of low alloyed steels forgings for Arctic applications'	P.Ceccattini - Carboline Italia, 'Steel Tubes for on-shore and off shore Pipelines'	I.Magnifico - Automa, 'Advantages in using remote monitoring to assess effectiveness of Cathodic Protection in stray current affected areas'	K.Wold - Emerson, 'Combining Corrosion & Erosion Monitoring For Improved Integrity Management '	
10:10-10:40	Coffee Break					

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		Scirocco	Libeccio	Levante	Ponente	Tramontana
Tuesday May 29th		Oil & Gas Pipelines	Oil & Gas Upstream	Coating for pipeline	Cathodic Protection	Oil & Gas Upstream
		Plate and Pipe manufacturing for sour service	Corrosion Performance of Martensitic SS forging and tubing alloys			AD manufacturing in the Oil & Gas Industry
		<i>Chair: M.Celant - A.Venas</i>	<i>Chair: P.Nice - L.Scoppio</i>	<i>Chair: R.Malfanti - S.Volonté</i>	<i>Chair: M.Ormellese - U.Marinelli</i>	<i>Chair: R.Morana - F.Cappuccini</i>
	10:40-11:05	C.Stachelberger - Voestalpine Grobblech, 'Thermomechanically Controlled Processed Carbon Steel Heavy Plates for Sour Service Application - An Update'	F.Hippenstiel - BGH, 'Comparison of alloying concepts of soft-martensitic stainless steels for oil and gas applications'	J.D.Rogozinski - Sherwin Williams, 'Building Pipeline Coating Performance One Layer at a Time'	J.Veenstra - DNV GL, 'Prioritizing coating defects based on accuracy and average of IR free potential'	P.Reeves - Stratasys, '3D Printing, Understanding the Business Reasons for Technology Adoption'
	11:05-11:30	A.Schneider, V.Schwinn, C.Koenig, J.M.Dussaulx - Dillinger, 'Hard Spot Detection Technique for TMCP Steel Plates for Sour Service Applications'	A.Rozinoer, C.Gayton, C.Bosch, K.Wolski, J.Stolarz - Mines Saint-Etienne, 'Stress Corrosion Cracking Study Of A Super Martensitic Stainless Steel In Sulfide Environments'	P. de Bonnafos - Trenton, 'Coating selection criteria for Air to Ground Transition Area'	C.Jennings, M.Yan, P.Ke - Yuxi, 'Intelligent monitoring and control system for the cathodic protection of oil and gas pipeline'	A.Turnbull - NPL, 'Corrosion Issues Associated with Additive Manufacturing with Stainless Steel - Implications for Testing'
	11:30-11:55	S.U.Koh, H.S.Kim, K.K.Um, H.G.Jung, C.M.Bae, J.S.Lee - Posco, 'A Study on the Causes of Hard Spots and the Development of Hard Spot Inspection System with Non-Destructive Method'	M.Müller, K.Klenke - BGH, 'Properties of a 110 ksi 13 SMSS produced by inductive re-heating and direct quenching'	S.Salehpour, P.Sala - Shawcor, 'Advancements in Field Joint Coatings: End-to-End Solutions'	F.Brugnetti - APCE, 'Commissioning of a cathodic protection system in a gas network' F.Brugnetti - APCE, 'Certification for cathodic protection personnel'	O.Tassa, L.Intiso, L.Alleva, R.Sorci - Rina, 'Effect of Main Metallurgical Features in Performances of Materials Produced by Additive Manufacturing'
	11:55-12:20	T.Hara, T.Fujihiro, Y.Shinohara, M.Hamada - NSSMC, 'Development of sour resistant line pipes'	R.Wolters - Mokveld Valves, 'The use of martensitic stainless steels in high H2S containing environments.'	N.Muncaster - Polyguard, 'A 30 Year Review of research, standards and regulations concerning cathodic shielding'	R.Johnsen, H.Olavesen, T.L.Erlien - NTNU, 'Effect of cathodic polarisation on corrosion properties of 25Cr stainless steel in seawater'	S.Ganguly, F.Martina, X.Xiangfangu, A.Caballero, Z.Pinter, J.Ding, P.A.Colegrove, S.Ganguly, S.W.William - Cranfield University, 'Applications of Wire+Arc Additive Manufacture to critical components in the Oil&Gas industry'
12:45-14:00	Lunch					

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Tuesday May 29th		Oil & Gas Pipelines	Oil & Gas Upstream			Oil & Gas Upstream
		Plate and Pipe manufacturing for sour service	Corrosion Performance of Martensitic SS forging and tubing alloys	CRA & Welds	Cathodic Protection	AD manufacturing in the Oil & Gas Industry
		<i>Chair: M.Celant - A.Venas</i>	<i>Chair: L.Scoppio - P.Nice</i>	<i>Chair: T.Ladwein - M.de Marco</i>	<i>Chair: M.Cattalini - A.Brenna</i>	<i>Chair: R.Morana - F.Cappuccini</i>
	14:00-14:25	J.Shimamura, N.Ishikawa, T.Yokota, N.Aramaki, S.Ueoka, S.Kakahara, J.Kondo - JFE, 'Microstructural Design of Recent Linepipe Steels for Sour Service'	M.Seifert, Z.Dogan, R.Ehrhardt, P.Nice, S.Vold - Deutsche Edelstahlwerke Specialty Steel, 'Qualification of 110 ksi Super 13Cr steel (Corrodur 4418 Mod) according to NORSOK M-650'	V.Matres - Acerinox Europa, 'Welding action effect on Stainless Steel Behavior'	A.Brenna, M.Ormellesse, S.Beretta - Politecnico di Milano, 'Measurement and interpretation of instant-off potential for the assessment of cathodic protection condition of carbon steel structures'	R.M.Kindermann, M.J.Roy, J.A.Francis, P.Prangnell, R.Morana - University of Manchester, 'Oil & Gas Wire+Arc Additive Manufacturing Technique Development'
	14:25-14:50	A.Venas, D.Baxter, E.Østby, S.Chong - DNV GL, 'Use of C-Mn Linepipe for High H2S Service'	K.Baba, D.Mizuno, K.Eguchi, N.Ishikawa - JFE, 'Investigation of Passive Film on Stainless Steel in Hydrogen Sulfide Environment'	M.De Marco, M.Palombo, P.Genocchio - Italian Institute of Welding - IIS, 'What's wrong with ASTM G48 qualification test in duplex SS welds?'	S.Javia - Matcor, 'Corrosion prevention of aging pipelines with deteriorated coating by application of linear anode ICCP system'	F.Cappuccini, D.Di Pietro, A.Donato - Baker Hughes GE, 'An experimental activity on the corrosion of alloy UNS N07718 by Additive Manufacturing'
	14:50-15:15	A.Paggi, P.Darcis, E.Paravicini Bagliani - Tenaris, 'Seamless Large OD Line Pipes: Properties and Applications'	S.Hashizume - TenarisNKK Tubes, 'Effect of Mo on corrosion resistance of low C - 13%Cr martensitic stainless steels in CO2 environment with a little amount of H2S at high temperature'	F.Serrano - Flowserve, 'Corrosion of Super Duplex Stainless Steel Pump Impeller in Seawater Environments'	A.Del Moro, M.De Cillis - Saipem, 'Cathodic Protection and Safety Earthing Compatibility in Gas Pipeline Block Valve Stations'	D.De Bono, T.London, D.Griffiths - TWI, 'Predicting the Mechanical Performance of Additively Manufactured Parts'
	15:15-15:40	M.E.Cristea, P.Darcis, E.Paravicini Bagliani, T.Cheldi, C.M.Spinelli - Tenaris, 'Critical Stress Intensity Factor (KISSC) Resistance in Large OD Seamless Pipes for Sour Service Applications'	F.Cova Caiazza, S.Mischler - Ecole Polytechnique Fédérale de Lausanne, 'Tribocorrosion in materials engineering'	J.Howing, A.Spaghetti - Sandvik, 'The performance of the hyper duplex stainless steel grade UNS S32707 compared to other special grades'	E.Barbatesi, U.Marinelli - F.M. Engineering, 'Cathodic prevention and cathodic protection of concrete rebars in a part of a highway concrete slab: a practical case.'	N.Kite, H.Schnideritsch - Voestalpine Bohler, 'Selected Aspects of Additive Manufacturing'
	15:40-16:20	Coffee Break				

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Tuesday May 29th		Oil & Gas Pipelines	Microbiologically Induced Corrosion - Case Studies	CRA & Welds	Cathodic Protection	Oil & Gas Upstream
		Plate and Pipe manufacturing for sour service				AD manufacturing in the Oil & Gas Industry
		<i>Chair: M.Celant - A.Venas</i>				<i>Chair: H.De Vries - N.Dopffel</i>
	16:20-16:45	F. Arroyo, M.Fritz, M.Salani, P.Darcis, C.Stachelberger, J.Zuschrader - Tenaris-Voestalpine, 'TMCP Carbon Steel for Heavy Wall Thickness L415MS for Sour Service Application. Advanced Products for O&G Application'	N.Larché, F.Trigodet - French Corrosion Institute, 'Potential ennoblement on stainless steel and implication on crevice corrosion in natural seawater'	I.Giroletti, I.Uda, A.Volpi - SMT, 'Highly corrosion resistant Ni-Cr-Mo Alloys weld deposit in UNS N06059: influence of different test specimen preparations on corrosion rates, tested according to ASTM G28-02(2015) Method A'	E.Volpi, F.Saiklaroussi, P.Rossi, S.Trasatti - Università di Milano, 'Role of Surface Pretreatment of Titanium Substrate in MMO Anodes for Cathodic Protection of Reinforced Concrete.'	M.Cawood - University of Sheffield, 'Utilising the Benefits of Additive Layer Manufacturing (ALM)'
	16:45-17:10	C.Kalwa, C.Bosch - Europipe, 'A Manufacturer's View on Current Test Methods for TMCP based X52 for Sour Service'	E.Croese, L.Intiso, H.de Vries - Bioclear, 'MIC model through a generalized quantitative estimation of MIC processes by electrochemical techniques'	M.Rhode, T.Böllinghaus - Bundesanstalt für Materialforschung und -prüfung (BAM), 'Hydrogen Absorption and Diffusion in T24 Steel Weld Joints and Effect on Mechanical Properties'	P. Marcassoli, B. Bazzoni, P. Minuti - Cescor, 'Cathodic Protection inspections of subsea pipelines and offshore structures'	Ilida - TWI, 'Materials and Processing Challenges of Massive Scale Additive Manufacturing'
	17:10-17:35	S.Le Manchet - Industeel, 'Effect of the Heat Treatment on the Corrosion Resistance of Roll-Bonded Clad Plates for Oil & Gas Applications'	P.Bruijnen, S.Doddema, W.van Strien - TAQA Energy, 'Integrated Approach Towards Diagnosing Microbiologically Influenced Corrosion in the Petroleum Industry'	D.Prando, M.V.Diamanti, M.Ormelese, M.P.Pedefferri - Politecnico di Milano, 'Surface treatment to improve localized corrosion resistance of pure titanium'	T.Huck - Matcor, 'Recent Trends in Cathodic Protection of Above Ground Storage Tank External Bottoms'	Fang Fang Wu, M.De Marco, M.Pedemonte, - Italian Institute of Welding - IIS, 'Corrosion behaviour of Inconel 625 component produced by Additive Manufacturing'
	17:35-18:00	A.Venas, J.P.Tronskar - DNV GL, 'Experience with Lined and Clad Pipelines'	R.Spotorno, G.Ghiara, P.Piccardo - Università di Genova, 'Study of Microbiologically Induced Corrosion by Electrochemical Impedance Spectroscopy' G.Ghiara, R.Spotorno, P.Piccardo - Università di Genova, 'Electrochemical study on MIC of different bronzes used for pasta extrusion'	T.Y.Eken, I.Sapmaz, C.Sarioglu, I.Kucuk - Bursa Technical University, 'Surface Characteristics and Corrosion Behaviour of Twin Roll Casting AA8006 Fins in Heat Exchangers'	A.Del Moro - Saipem, 'Analysis Of Cathodic Protection Field Data At Auger Thrust Bored Pipeline'	S.Alberini, F.Fusari, M.Palombo - Belleli, 'A comprehensive quality evaluation of stainless steel type 347 ESW single layer weld overlay on 2 ¼ Cr 1 Mo ¼ V base material after PWHT'
	18:00-19:00	Closing Remarks and Farewell Cocktail				
10:00-19:00	Exhibition Hall EXPO					

CONFERENCE PROGRAM

POSTER SESSION

A.López-Ortega; R.Bayón; J.L.Arana - IK4-TEKNIKER, Spain - 'Corrosion and wear-corrosion behaviour of protective coatings for offshore applications', Poster No. 25

M.Mokhtarifar, M.P.Pedefferri - Politecnico di Milano, Italy - 'Challenges in future development in TiO₂ based coatings', Poster No. 16

M.Pakiet, I.Kowalczyk, R.Leiva Garcia, R.Akid, B.Brycki - Adam Mickiewicz University in Poznan, Faculty of Chemistry, Poland - 'Effectiveness of ester – based cationic surfactants as corrosion inhibitors for stainless steel and mild steel', Poster No. 15

G.Russo, S.Trasatti, A.Loconte, S.Lorenzi, M.Trueba - University of Milan, Italy - 'Investigation of stress corrosion of high strength 7075-T6 Al alloy by SSRT and cyclic anodic polarization in combination', Poster No. 2

F.Saiklaroussi, D.Buggio, M.Trueba, S.Trasatti - University of Milan, Italy - 'definition of a method of studying corrosion inhibitors in the pickling process with hydrochloric acid', Poster No. 24

I.Sapmaz, T.Y.Eken, Cevat Sarioglu, I.Kucuk - Bursa Technical University, Turkey - 'Comparison of the Surface Features and Corrosion Behaviours of Modified DC Cast and Twin-Roll Cast AA3003 for Automotive Applications', Poster No. 26

M.Seyedi, A.Balbo, F.Zanotto, E.Liverani, A.Fortunato, C.Monticelli - University of Ferrara, Italy - 'Corrosion behaviour of SLM CoCrMo alloy in simulated body fluids', Poster No. 19

A.A.Taylor, X. Zhou - University of Manchester, UK - 'Near Surface Microstructure Effect on Anodic Film Growth in AA2199 Aluminium Alloys', Poster No. 9

M.Yusifzade - Baku Engineering University, Azerbaijan - 'Oil and Gas Pipelines', Poster No. 3

G.Zeng; A.Truskewycz; J.Newson; Z.Nasa; S.Zahiri; S.Gulizia, X.Chen, I.Cole - RMIT University, Australia - 'Cold Spray Additive Manufacturing of Biocompatible Ti-Ta Structures', Poster No. 12

CONFERENCE PROGRAM

POSTER SESSION

Presentation by Authors - May 28th-29th during coffee breaks and lunches

Audit by the judging committee - May 28th - 13:00-15:30

M.Al Muaisub, A.Alfantazi - The University of British Columbia - Vancouver, Canada - 'Premature Failure of 316L Stainless Steels Pipes Due to MIC', Poster No. 21

D.A.Allegro, M.Trueba, S.Trasatti, S.I.Cristini, A.Bralia - University of Milan, Italy - 'Optimization of the experimental conditions of accelerated electrochemical tests for the evaluation of industrial organic coatings', Poster No. 23

M.Attarchi, A.Brenna, M.Ormellesse - Politecnico di Milano, Italy - 'Analysis of Measured Potential in Cathodic Protection System of Piping with Wire Anode by Finite Element Simulation', Poster No. 10

E.L.Basilico, A.Loconte, M.Trueba, S.Trasatti - University of Milan, Italy - 'Corrosion of a sensitized duplex stainless steel. Effect of load in bending.', Poster No. 22

R.Beltrami, M.Hamidi Nasab, N.Lecis, R.Casati, M.Vedani - Politecnico di Milano, Italy - 'Effect of surface texture on corrosion behavior of aluminium alloys produced by Selective Laser Melting (SLM)', Poster No. 1

F.Cova Caiazza, L.Brambilla, S.Mischler - École Polytechnique Fédérale de Lausanne (EPFL), Switzerland - 'Tinplate corrosion prediction, the importance of a multi-technique approach for the structure characterization.', Poster No. 27

A.Azimi Dastgerdi, F.M.Bolzoni, A.Brenna, M.Ormellesse, M.P.Pedefferri - Politecnico di Milano, Italy - 'Design of experimental conditions for the definition of the Pedefferri's diagram of stainless steel', Poster No. 11

C.Gennari, L.Pezzato, M.Lago, I.Giachelle, E.H.Delgado, A.F.M.Perez, B.R.Rodriguez Vargas - Università di Padova, Italy - 'Corrosion resistance of laser welded lean duplex stainless steel', Poster No. 28

A.Goyal, E.Ganjian, H.Sadeghi Pouya - Coventry University, UK - 'anticorrosion zinc paint: can it be used as anode for impressed current cathodic protection system of reinforced concrete', Poster No. 7

A.S.Grassi, E.Volpi, S.Trasatti - University of Milan, Italy - 'In depth electrochemical investigation of NACE standard TM0108', Poster No. 6