

Schedule at a Glance

SUNDAY, 17 SEPTEMBER		
Time	Activity	Location
1400 - 1730	Delegate Registration	Main Hall
1800 - 2000	Conference & Expo Inauguration	
2000 - 2130	Dinner	
MONDAY, 18 SEPTEMBER		
0900 - 1030	Cathodic and Anodic Protection (CAP-1)	Hall - A
	Corrosion Protection of Process Vessels by Galvanic Anode CP System - CAP11 (Invited) Paper by: Pankaj Panchal, Corrosion Protection Specialist Pvt. Ltd., Ahmedabad	
	Integrity Challenges & Control - Tank Bottom Corrosion - CAP12 Paper by: Shakeel Isak Girkar and Ajiv Mohan Nair, Renjith Vijayan Mangattu ADCO, Abu Dhabi, United Arab Emirates	
	Over-Voltage Protection of Isolation Joints in Pipelines – CAP13 Paper by: Jay Warner, Dairyland Electrical Industries, Stoughton, WI USA	
	Cathodic Protection System for Internal Surfaces of Piping/Pipeline - CAP14 Paper by: Gitesh Jha, Reliance Industry Limited, Mumbai	
	Foreign Pipeline Interference and Detection of Third Party Coating Defect by ACVG A-frame Survey - A Case Study - CAP15 Paper by: Ashok Kumar Khatik, GAIL (India) Ltd. Chittorgarh and G V GokulaKannan, GAIL (India) Ltd. Nasirabad-Ajmer	
0900 - 1030	Coatings & Linings (CL-1)	Hall - B
	Future of Heavy Duty Coating Landscape- Prospects & Opportunities - CL11 Invited Paper by: Dr. B P Mallik, Asian Paints Limited, Mumbai	
	Covalent Bonding of Si Coatings, Making Infrastructure Maintenance Easier - CL12 Paper by: Matt Saunders, CSL Silicones, Canada	
	The Effect of Curing Time on the Performance of a Storage Tank Epoxy Coating System - CL13 Paper by: M. Dabir, Shabbir Mukadam and A. Al-Hashem Kuwait Institute for Scientific Research, Kuwait	
	Overcoming Challenges in Coating Application Using Simulators - CL14 Paper by: S. Ravichandran, Berger Paints India Limited Kolkata and Sabarinath C Nair Skillveri Training Solutions Private Limited, Chennai	
	Failure Analysis of Coatings - CL15 Paper by: Peter J. Engelbert, Level 3 Coating Inspection, LLE, USA	
	Challenges of Coating Applications with Plural Component Equipment's and Zinc - CL16 Paper by: Denzil Dcosta, Graco India Pvt Ltd., Gurgaon	
0900 - 1030	Corrosion in Petrochemical Industries (CPI-1)	Hall - C
	Digitalisation: Are We Ready to Leverage on it to Ensure Asset Integrity? - CPI11 Invited Paper by: Anuar Shukri Khairol, PETRONAS, Kuala Lumpur	
	Corrosion Mitigation of The Furnace Feed Saturator System of Gail Pata Ethylene Plant - CPI12 Paper by: Srimanta Kumar Manna, Soumyajit Ghosh and Samik Mullick, GAIL (India) Limited, Auraiya	

MONDAY, 18 SEPTEMBER

Time	Activity	Location
0900 - 1030	Corrosion in Petrochemical Industries (CPI-1)	Hall - C
	<p style="text-align: center;">Avoid Weld Overlay Failures - CPI13 Paper by: Savio Rebello, Reliance Industries Limited, Navi Mumbai, India</p> <p style="text-align: center;">Severe Under-deposit Corrosion Damage in Suction Headers of Compressor House in LPG Recovery Unit - CPI14 Paper by: Manoj Kumar, Swapnil Zodape and Saugata Sahu, Indian Oil Corporation Ltd. Guwahati Refinery</p> <p style="text-align: center;">Hydrogen Blistering in Stabilizer Overhead LPG Condenser of Naphtha Splitter Facility - CPI15 Paper by: Swapnil Zodape, Manoj Kumar and Saugata Sahu, IOCL, Guwahati Refinery</p>	
0900 - 1030	Materials & Composites (MC-1)	Hall - D
	<p style="text-align: center;">Failure Analyses: In Retrospect - MC11 Invited Paper by: Nurul Asni Mohamed, PETRONAS GTS, Malaysia</p> <p style="text-align: center;">Material Selection for Oilfield Development – Narration of Practical Experience - MC12 Paper by: Subrahmanya Bhat, Freelance Consultant, Bangalore</p> <p style="text-align: center;">From Corrosion to Nanotechnology that Prevents Challenging Global Warming – MC13 Paper by: I.Gurrappa, DMRL, Hyderabad and I.V.S.Yashwanth, University of Texas, USA</p> <p style="text-align: center;">On the Corrosion Behaviour of High Mn High N Stainless Steel: An Alternative Bipolar Plate Material for Proton Exchange Membrane Fuel Cells (PEMFCs) - MC14 Paper by: P. Saravanan, Bhawna Khalkho, S. Srikanth and S. Kumar, Steel Authority of India Limited, Ranchi & N. Lakshman and Raghuram Chetty, IIT Madras, Chennai</p> <p style="text-align: center;">Suitable Material of Construction for Tubular and Flow Lines for Deep Water - MC15 Paper by: Bipin Kumar and Anil Bhardwaj, IEOT, ONGC, Navi Mumbai</p>	
1030 - 1100	Tea/Coffee	
1100 - 1130	Plenary Talk - U Kamachi Mudali, Chief Executive, HWB	Main Hall
1130 - 1215	Plenary Talk - Ananth Kumar, Union Minister of Chemicals and Fertilizers	Main Hall
1215 - 1230	Visit Exhibit Hall and Posters	
1230 - 1315	Lunch	
1315 - 1415	Internal Corrosion in Pipelines (ICP-1)	Hall - A
	<p style="text-align: center;">Ensuring Safety and Quality in Pipeline Integrity Operations - ICP11 Invited Paper by: Matthew Boucher, Clock Spring, USA</p> <p style="text-align: center;">Inspection Methodologies and Tradeoffs for Inspection of Unpiggable Pipelines - ICP12 Paper by: Christian Openshaw, Quest Integrity, UAE and Dan Revelle, Quest Integrity, USA</p> <p style="text-align: center;">Failure Analysis of 6" Spool of Process Gas Compressor Cooler Outlet at Offshore Process Platform - ICP13 Paper by: Abhay Kujur, Maushumi K Talukdar, Sangeeta R. Prasad, Anita Sharma, A. Santra and Anil Bhardwaj, IEOT, ONGC, Navi Mumbai</p>	
1315 - 1415	Corrosion in Chemical & Fertilizer Industries (CCFI-1)	Hall - B
	<p style="text-align: center;">Consultant Approach to Decision Making on Material of Construction for Chemical Industries - CCFI11 Invited Paper by: Subrahmanya Bhat, Freelance consultant, Bangalore</p> <p style="text-align: center;">The Use of FRP (Fiberglass-reinforced Plastic) in Phosphate Fertilizer and Sulfuric Acid Processes - CCFI12 Paper by: Guy Schneider, Ashland Technologies GmbH, Germany and Olivia Woerth Ashland Technologies GmbH, 77694 Kehl, Germany</p>	

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1315 - 1415	Corrosion in Chemical & Fertilizer Industries (CCFI-1)	Hall - B
1100 - 1300	Case Study - Crafting and Executing Corrosion Management Strategy at Multipurpose Sea Port - CCFI13 Paper by: D. Dubey, Adani Ports & SEZ Ltd, Mundra	
	Asset Management Through Corrosion Loss Prevention in a Urea Plant - CCFI14 Paper by: Dr. John Paul, Consultant, Chennai	
1315 - 1415	Microbial Corrosion & Inhibitors (MCI-1)	Hall - C
	N-benzylidene-2(2-oxo-2-(10H-phenothiazine-10yl) amino) Acetohydrazide as Environmentally Benign Corrosion Inhibitor for Mild Steel in 1M HCl Solution - MCI11 Paper by: Mohammad Mobin and Saman Zehra Aligarh Muslim University, Aligarh	
	Antimicrobial and Anticorrosion Effect of Essential Oils of Medicinal and Aromatic Plants on Sulphate Reducing Bacteria Isolated from Oilfield Produced Water - MCI12 Paper by: Ranjan K.Bhagobaty and M.C.Nihalani Oil India Limited, Duliajan	
	The Application of Electrochemical Impedance Spectroscopy (EIS) in Studying the Synergistic Behavior of Oilfield Chemicals for a Tubular Alloy under down hole Conditions in a Kuwait Formation Water - MCI13 Paper by: S. Mukadam, M. Dabir and A. Al-Hashem Kuwait Institute for Scientific Research, Kuwait	
	Ethyl 6-amino-4-(methoxyphenyl) 3methyl-2,4-dihydropyrano [2,3,C] pyrazole-5-carboxylate as Novel Corrosion Inhibitors for Mild Steel in - MCI14 Paper by: Hydrochloric Acid Solution useful for industrial pickling process, Parul Dohare, M. A. Quraishi, Banaras Hindu University, Varanasi	
1315 - 1415	Corrosion in RCC Structures (RCC-1)	Hall - D
	Controlled Permeable Formwork (CPF) Liner: Concrete Surface Quality Enhancer - RCC11 Paper by: S. Kothandaraman, Pondicherry Engineering College, Pondicherry	
	Quinoxaline Derivatives for Rebar Corrosion in Simulated Pore Solution - RCC12 Paper by: J Saranya, Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad and S Chitra PSGR Krishnammal College for Women, Coimbatore	
	Performance Evaluation of Silane/Siloxane Based Penetrating Sealer for Structural Applications in Marine Environment - RCC13 Paper by: R.Vedalakshmi, S.Sathyannarayanan, S.Sreejakumari and T.Bharathidasan, CSIR-Central Electrochemical Research Institute, Karaikudi	
	Sweet Corrosion Behaviour of Concrete by Utilizing Iron Dust as a Binding Material in Concrete - RCC14 Paper by: Han Seung Lee, Subbiah Karthick, Velu Saraswathy, Seung-Jun Kwon, Hanyang University, Korea and (CECRI), Karaikudi	
1030 - 1100	Session Break	
1430 - 1600	Cathodic and Anodic Protection (CAP-2)	Hall - A
	Effect of DC Interference on the Performance of Sacrificial Anodes Protecting a Pre-Stressed Concrete Cylinder Pipeline - CAP21 Paper by: Ezeddin Busba and Hussein Boshallah, The Great Man-Made River Authority, Libya	
	Conventional AC Mitigation with Zinc versus, Engineered AC Mitigation System – Case Study - CAP22 Paper by: Ted Huck, MATCOR Inc, USA	

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Time	Activity	Location
1430 - 1600	Cathodic and Anodic Protection (CAP-2)	Hall - A
	Instant OFF Measurements on Coupon: Practical Advantages of a Continuous Remote Monitoring - CAP23 Paper by: Ivano Magnifico, Automa S.r.l., Ancona, Italy	
	Study On Trouble Shooting In ICCP Protected Underground Pipeline For Low Instant Off PSP Values - CAP24 Paper by: Santosh Gedam and Virendra Vastrakar, GAIL (India) Ltd	
	CP System for Aged Upstream & Downstream Oil & Gas Field Facility - CAP25 Paper by: Shaikh Harunor Rashid, Himoya Corrosion Technology (P) Ltd., Kolkata	
1430 - 1600	Microbial Corrosion & Inhibitors (MCI-2)	Hall - B
	Suppression of Anodic Kinetics of Stainless Steels by Natural Seawater Biofilms - MCI21 Invited Paper by: M. Eashwar, A. Lakshman Kumar, G. Sreedhar, S. Vengatesan, R. Ananth and V. Prabhu, CSIR – Central Electrochemical Research Institute, Karaikudi	
	"Microbiological Induced Corrosion in Newly Built Tanks - MCI22 Paper by: Ameer Hamza, Fluor Arabia Limited, Saudi Arabia, Neto Obasi Fluor, United Kingdom	
	Biofilm Analysis on Cooling Waters of Fast Breeder Test Reactor Using Advanced Molecular Tools - MCI23 Paper by: B. Anandkumar, R.P. George, S. Lakshmanapandi, S. Ramamoorthy, C. Mallika, Indira Gandhi Centre for Atomic Research, Kalpakkam	
	Microbiological Control and Successful Quality Maintenance of Reinjecting Water in Onshore Operations, A Case Study - MCI24 Paper by: Veena Kothe, Archana, Harvir Singh, ONGC, Panvel, Navi Mumbai	
	Establishing Microbial Contamination and Biocides Efficacy Evaluation in Cooling Tower Water Samples - MCI25 Paper by: Archana, Veena Kothe and Harvir Singh, ONGC, Panvel, Navi Mumbai	
1430 - 1600	Materials & Composites (MC-2)	Hall - C
	Corrosion Issues in Molten Salt Reactor Systems Under Molten FLiNaK Salt Environment - MC21 Invited Paper by: S. Rangarajan and Y.V. Harinath, BARC Facilities, Kalpakkam	
	An Electrochemical Study of Polyvinyl Alcohol as Corrosion Inhibitor of Mild Steel in Sulphuric Acid - MC22 Paper by: Anita K Yadava, Rajdhani College and Gurmeet Singhb, University of Delhi, New Delhi	
	Corrosion and Surface Film Characterization of TaNbHfZrTi High Entropy Alloy - MC23 Paper by: J. Jayaraj, Thinaharan, S. Ningshen, C. Mallika and U. Kamachi Mudali, Indira Gandhi Centre for Atomic Research, Kalpakkam	
	The Cavitation Erosion Behavior of UNS A96061 Alloy in Seawater - MC24 Paper by: H.Tarish, N.Tanoli and A.Al-Hashem, Kuwait Institute for Scientific Research, Kuwait	
	Low Cost Ferritic Stainless Steel with Superior Corrosion Resistance for Elevator Application - MC25 Paper by: P. Saravanan, Bhawna Khalkho, S. Srikanth, Santosh KumarSteel Authority of India Limited, Ranchi and T. Muthu Kumar, Salem Steel Plant, Salem	
1430 - 1600	Technical Interactive Forum -1 Corrosion Monitoring & Testing	Hall - D
1600 - 1630	Tea/Coffee	

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Time	Activity	Location
1630 - 1800	Corrosion Monitoring & Testing (CMT-1)	Hall - A
	<p>Corrosion Monitoring in Refinery and Petrochemical Plants – New Challenges - CMT11 Invited Paper by: U. Anand, Reliance Industries Limited</p> <p>Approach Towards Effective Coating Integrity Surveys - CMT12 Paper by: C.Gautam, GAIL (India) Limited, Vizag, Mallesh, GAIL (India) Limited, Cherlapalli GAIL (India) Limited, Noida</p> <p>Adverse Effect of Mn on the Corrosion Behavior of Offshore Platform Steel in a 3.5wt% NaCl Solution - CMT13 Paper by: Guanqiao Su and Xiuhua Gao, Northeastern University, Shenyang, China</p> <p>Quinoline as Corrosion Inhibitors for Mild Steel: An Overview - CMT14 Paper by: K.Lavanya and J.Saranya Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad</p> <p>Present Trends in Quality Assurance of Welded Components Through NDE Methods - CMT15 Paper by: Sanjivkumar Kharatmol, Kaushik Boral, K K Chattopadhyay, A T Mondal, Manoj Kumar Pal Indian Oil Corporation Limited, Mathura</p>	
1630 - 1800	Corrosion in RCC Structures (RCC-2)	Hall - B
	<p>Embedded Rebar Corrosion: Effect of Construction Practices and Quality of Rebar - RCC21 Invited Paper by: Anup Kumar, Tata Steel, Jamshedpur</p> <p>Innovative Corrosion Control Practices to Provide Long Term Durability of Concrete Structures -A Way Forward - RCC22 Paper by: Satander Kumar, Consultant, New Delhi</p> <p>Performance of Corrosion Inhibitor Admixed Slag Cement Mortar Exposed to Aggressive Corrosion Environment - RCC23 Paper by: J. Sherin Mariya and M.S. Haji Sheik Mohammed, B.S. Abdur Rahman University, Chennai</p> <p>Case Studies on Corrosion Testing in Concrete Structures - RCC24 Paper by: Dr. V.V.L. Kanta Rao, Dr. Lakshmy Parameswaran CSIR-Central Road Research Institute, New Delhi</p> <p>Corrosion Control of Reinforced Concrete in Corrosive Environment - RCC25 Paper by: Haixue Liao, Vector Corrosion Technologies Ltd., Canada & Dhruvesh Shah Vector Corrosion Technologies Ltd., Gujarat</p>	
1630 - 1800	Corrosion in Petrochemical Industries (CPI-2)	Hall - C
	<p>Advances in Offshore Corrosion and Integrity Management - CPI21 Paper by: Dr. Binder Singh, PragmaticaGGS LLC, USA, Dr. Ananya Bhattacharya, Rice University, USA, Dr. Paul Jukes, The Jukes Group LLC, USA, Bob Wittkower, HSE Consultant, USA</p> <p>Failure Analysis of Extraction Steam Condensate Piping and Aldehyde Purge Lines in MEG (Mono Ethylene Glycol) Unit-A Case Study - CPI22 Paper by: Manindra Pratap Singh, Priyanka Mandawat and Bijay Kumar Muduli Indian oil Corporation Ltd., Panipat, Haryana</p> <p>Failure of Kettle Type Condenser in Steam Condensate Service – A Case Study - CPI23 Paper by: Mayank Banjare, B. K. Muduli, Rahul Prashant and L. C. Gopalani, IOCL, Panipat</p> <p>Corrosion Failure of SS 304L Tubes- A Case Study - CPI24 Paper by: Surendra Patle and Prashant Nikalje, Renu Gupta Larsen and Toubro-Heavy Engineering Division, Mumbai</p> <p>Failure Analysis and Integrity Assessment of Aging Boiler Bank Tubes of HRSG - CPI25 Paper by: Maushumi Kakoti Talukdar, Abhay Kujur and Anil Bhardwaj, IEOT, ONGC, Navi Mumbai</p>	

TUESDAY, 19 SEPTEMBER

Time	Activity	Location
1630 - 1800	Technical Interactive Forum 2 Water Treatment	Hall - D
1800 - 1900	Visit Exhibit Hall and Posters	
1900 - 2000	Cultural Programme	
2000 - 2130	Dinner	
0900 - 1030	Cathodic and Anodic Protection (CAP-3)	Hall - A
	<p>Findings from ECDA Performed on SPM lines- A CP Related Perspective - CAP31 Invited Paper by: C. Haridas Anand, Vikalp Srivastava, Gokul Sarathy and Bhavesh Patel, Reliance India Limited, Jamnagar & Arvind Sahasrabudhay and Ashish Khera, Allied Engineers, New Delhi</p>	
	<p>Role of Key Performance Indicators and its Evaluation in HPCL Transmission Pipelines - CAP32 Paper by: P. Anand Victor, Hindustan Petroleum Corporation Limited, Suryapet</p>	
	<p>AC Interference Study – Importance of Soil Resistivity – Case Study - CAP33 Paper by: Prashanth B G, Jef Techno Solutions Private Ltd, Bangalore</p>	
	<p>Case Study on Pipeline Under-protection Along with Mitigation Methods - CAP34 Paper by: Vipul Vilas Sawant, Mahanagar Gas Ltd, Mumbai</p>	
	<p>Interference & Corrosion Due to HVAC Power Lines Running Parallel to Cross Country Pipelines: Computer Modeling vs. Field Monitoring - CAP35 Paper by: Sandeep Kerketta and G Narendranath Reddy, GAIL (India) Limited, Vijaipur</p>	
0900 - 1030	Coatings & Linings (CL-2)	Hall - B
	<p>Micro-Raman Spectroscopic Studies for Evaluation of Self-Healing Property of Corrosion Protection Coatings on Al and Mg Alloys - CL21 Paper by: R. Subasri, S. Manasa, Swapnil H. Adsul and B.V. Sarada, International Advanced Research Centre for Powder Metallurgy and New Materials (ARCI) Balapur, Hyderabad</p>	
	<p>A Case Study on Blackening Effect of Thermal Spray Aluminum Coating - CL22 Paper by: Urvesh Vala, INOXCV, Vadodara and Mihir Sheth Sheth Corrosion & Coatings Pvt. Ltd., Vadodara</p>	
	<p>Improve Equipment Performance Against Pitting Corrosion Degradation by Utilizing Corrosion Control Methods at Petrochemical Facilities - CL23 Paper by: Amit Jain, Khammas-Al, Saleh S, SABIC Petrokemya, Jubail, Saudi Arabia</p>	
	<p>Fluoropolymer Coatings and Linings for Offshore, Oil Gas & Chemical Equipments - Meeting the Needs Under Harsh Conditions - From the Applicator's View - CL24 Paper by: Kirtan R. Dhami, Blixex Filter Coat Pvt Ltd, Mumbai</p>	
	<p>Laser Ablation of Suspended Graphite Powder to Obtain Few-layered Graphene in Bulk Quantities - CL25 Paper by: Ravi Kiran Gadde, Chandu Byram, Swati G. Acharyya, Venugopal Rao Soma, Vadali V. S.S. Srikanth, University of Hyderabad, Hyderabad</p>	
	<p>Another Look to Rust Bullet - CL26 Paper by: Manojkumar V Sheladiya, Shailee G Acharya and Dr. Ghanshyam D Acharya, AITS, Rajkot, Gujarat</p>	
0900 - 1030	Workshop- Women in Leadership	Hall - C
0900 - 1030	Corrosion Monitoring & Testing (CMT-2)	Hall - D
	<p>Corrosion Management System in Hydrocarbon Pipelines - CMT21 Invited Paper by: Goutom Chakraborty, GAIL (India), Ltd.</p>	

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TUESDAY, 19 SEPTEMBER		
Time	Activity	Location
0900 - 1030	Corrosion Monitoring & Testing (CMT-2)	Hall - D
	Experimental Studies on Behaviour of Steel Tubular Compression Members Subjected to Accelerated Corrosion - CMT22 Paper by: Cinitha. A, Umesha P K, Palani G S CSIR- Structural Engineering Research Centre, Chennai	
	EIS Investigation of Ammonium Chloride Corrosion on Carbon Steel Under Stirring Condition - CMT23 Paper by: Prince Kumar Baranwal, Abhilash Kumar, R. Prasanna Venkatesh Indian Institute of Technology Guwahati, Guwahati	
	The Effect of Buffing on Different Surface Working Operations and to Study Microstructural Changes by Chloride Induced SCC on 304L Austenitic Stainless Steel - CMT24 Paper by: Pandu Sunil Kumar and Swati Ghosh Acharyya, University of Hyderabad, Hyderabad	
	Study of Hydrogen Embrittlement of API X65 & X80 Pipeline Steels using Short Fatigue Cracks - CMT25 Paper by: Dhiraj K. Mahajan, Randhir Swarnkar, Yashpal Singh, Rajwinder Singh Indian Institute of Technology Ropar, Rupnagar, Kanwer Singh Arora, Mahadev Shome, Tata Steel Limited, Jamsedpur, Gurmeet Singh, University of Delhi, Delhi	
	Concept of an Intelligent Pipeline Internal Corrosion Prediction Model Using a Bayesian Network - CMT26 Paper by: Lewis Barton and Ian Laing, ROSEN Group, UK	
103 - 110	Tea/Coffee	
1100 - 1125	Plenary Talk - Prof Mark Alexander, Emeritus Professor, University of Cape Town	Main Hall
1125 - 1150	Plenary Talk - Dr. Brenda Little, Naval Research Laboratory, USA	Main Hall
1500 - 1215	Plenary Talk - John Healey, Regional Manager, Quest Integrity	Main Hall
1215 - 1230	Plenary Talk - Sandy Williamson	Main Hall
1230 - 1315	Lunch	
1315 - 1415	Corrosion in Refineries (CR-1)	Hall - A
	Understanding the Impacts of Crude Oil H₂S Scavengers on Refinery Process Operations - CR11 Invited Paper by: Michael Wagoner, Jamie McDaniels and John Jacobson, Athlon Solutions LLC, U.S.A	
	Optimization of Minimum Safe Pressurization Temperature (MSPT) for Hydroprocessing Reactor - CR12 Paper by: Gyananjan Mahanty and Kumar Dosi, Shell India Markets Private Ltd., Bangalore	
	Material Solution for Sour Environment of Delayed Coker Unit in a Refinery - CR13 Paper by: Mitul Shah, Sandvik Asia Pvt Ltd, Pune	
1315 - 1415	Internal Corrosion in Pipelines (ICP-2)	Hall - B
	Complexities and Nuances Associated with Using Advanced NACE International ICDA Standard Practices for Ensuring Regulatory Approved Pipeline Integrity Validations - ICP21 Invited Paper by: Patrick J. Teevens, Broadsword Corrosion Engineering Ltd., Canada	
	Learning Experience from a Case Study on Failure of a Product Pipeline Due to Internal & External Corrosion Leading to a Massive Fire - ICP22 Paper by: Rajesh Uprety, Indian Oil Corporation Limited, Noida	

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TUESDAY, 19 SEPTEMBER

Time	Activity	Location
1315 - 1415	Internal Corrosion in Pipelines (ICP-2)	Hall - B
	<p style="text-align: center;">Impressed Current Cathodic Protection System for Water Pipeline Internal Surfaces - ICP23 Paper by: Shailesh Javia, MATCOR Inc., USA</p>	
	Corrosion in Chemical & Fertilizer Industries (CCFI-2)	Hall - C
	<p style="text-align: center;">CCFI21 Invited Paper by: Sudhir Panadare, RCF, Mumbai</p>	
	<p style="text-align: center;">New Polyester Polyols for Two Component Coatings for High Performance Protective and Industrial OEM Coatings - CCFI22 Paper by: Dr. Geoffrey R. Webster Jr, Dr. Guianluigi Cassin, Stacey Marsh, Gary Whittaker, Dr. Curt Cleven and Dr. Robert Farina, Eastman Chemical Company, USA</p>	
	<p style="text-align: center;">Corrosion Studies on Coated and Bare C-276 Material in Molten Cuprous Chloride Salt Environment - CCFI24 Paper by: Prakash S. Parhad, Ashwini B. Nirukhe, G. D. Yadav, Institute of Chemical Technology, Mumbai, D. Parvatalu, ONGC Energy Centre, Panvel & U. Kamachi Mudali, IGCAR, Kalpakkam</p>	
1315 - 1415	Students Workshop on Corrosion Testing and Analysis	Hall - D
1415 - 1430	Session Break	
1430 - 1600	Power Plants & Utilities (PPU-1)	Hall - A
	<p style="text-align: center;">Corrosion in Thermal and Hydro Power Plants - PPU11 Invited Paper by: Dr. A. K. Maiti, BHEL R&D, Hyderabad</p>	
	<p style="text-align: center;">Cracking of AISI 321 Stainless Steel Welds in Solar Thermal Power Plant: Root Cause Analysis - PPU12 Paper by: Kamal Mankari and Swati Ghosh Acharyya School of Engineering Sciences and Technology, University of Hyderabad</p>	
	<p style="text-align: center;">Microstructural Characterisation and Corrosion Behaviour of 9Cr-1Mo Steel Based Metal Waste Form Alloys with Noble Metal Fission Products - PPU13 Paper by: R. Priya, S. Ningshen, C. Mallika and U. Kamachi Mudali Indira Gandhi Centre for Atomic Research, Kalpakkam</p>	
	<p style="text-align: center;">Case Study on Premature Failure of Super-Heater Tubes in Oil & Gas Fired Boiler - PPU14 Paper by: Vibhav Gupta, Harsh Vardhan and S.K.Yadav, Indian Oil Corporation Limited, Begusarai</p>	
	<p style="text-align: center;">Surface Modification to Enhance the Properties of SA 210 Grade A1 Boiler Steel by Friction Stir Processing - PPU15 Paper by: Supreet Singh, Automobile Engineering Chandigarh University & Manpreet Kaur, Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib</p>	
1430 - 1600	Internal Corrosion in Pipelines (ICP-3)	Hall - B
	<p style="text-align: center;">Internal Corrosion Management Strategies in Gas Pipelines - ICP31 Invited Paper by: M K Sogani, GAIL (India) Ltd.</p>	
	<p style="text-align: center;">Inspection, Monitoring, Model: Past, Present, Future - ICP32 Paper by: Sankara Papavinasam, CorrMagnet Consulting Inc., Canada</p>	
	<p style="text-align: center;">In Line Inspection (ILI) Frequency for Cross Country Pipelines - ICP33 Paper by: Sahab Singh Gurjar, Cairn Oil & Gas, Vedanta Limited, Ahmedabad</p>	

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Time	Activity	Location
1430 - 1600	Internal Corrosion in Pipelines (ICP-3)	Hall - B
	<p>Root Cause Analysis of Internal Corrosion Related Failures in a Liquid Petroleum Pipeline Transporting Export Quality Crude Oil - ICP34 Paper by: Sridhar Arumugam, Patrick J. Teevens, Broadsword Corrosion Engineering Ltd., Calgary, Canada and Ashish Khera, Allied Engineers, New Delhi</p>	
	<p>Internal Coating –A Must in Gas Pipelines - ICP35 Paper by: Ranjit Singh & Amrinder Singh, IOCL, Panipat</p>	
	<p>Water-based Corrosion Inhibitor for Sour Gas Production - ICP36 Paper by: Bhushan Sonchal, Sathees Kesavan, Seethalakshmi S GE Water & Process Technologies, Bangalore Lin Shaofeng, GE Water & Process Technologies, China & Nimeshkumar Patel, GE Water & Process Technologies, USA</p>	
1430 - 1600	Student Session - 1	Hall - C
	<p>Tailoring of Metallic Bio-implant Performance by Surface Engineering - SS11 Invited Paper by: Jyotsna Dutta Majumdar, Indian Institute of Technology Kharagpur</p>	
	<p>Corrosion Performance of Chemically Modified Polymer Coatings Applied on Mild Steel - SS12 Paper by: Punita Mourya and G. Udayabhanu, Indian Institute of Technology (Indian School of Mines), Dhanbad and Monika, Indian Institute of Technology (Banaras Hindu University), Varanasi</p>	
	<p>Arabinogalactan as a Green Inhibitor for Carbon Steel Corrosion in 1M HCL Solution - SS13 Paper by: Marziya Rizvi and Mohammad Mobin, Aligarh Muslim University, Aligarh</p>	
	<p>Computational and Electrochemical Characterization of Synthesized Ionic Liquid as a Green Corrosion Inhibitor in 0.5 M H2SO4 Solution for Mild Steel - SS14 Paper by: Bhaskaran, Akshay kumar, Mansi Khera, Raj Kishore Sharma and Gurmeet Singh University of Delhi, Delhi</p>	
	<p>Synthesis and Characterization Bio-based Benzoxazine Oligomer from Cardanol for Corrosion Resistance Application - SS15 Paper by: Ganesh A. Phalak, Deepak M. Patil and S. T. Mhaske Institute of chemical technology, Mumbai</p>	
1430 - 1600	Technical Interactive Forum 3 Corrosion in Concrete Structures	Hall - D
1600 - 1630	Tea/Coffee	
1630 - 1800	Cathodic and Anodic Protection (CAP-4)	Hall - A
	<p>Reliability of Coupons for AC/DC Interference Monitoring - CAP41 Invited Paper by: Christophe Baete, Elsyca nv, Wijgmaal, Belgium</p>	
	<p>AC Interference, AC Corrosion & AC Mitigation - CAP42 Paper by: Jeffrey L. Didas, Matcor, Inc. Tucson, AZ USA</p>	
	<p>Monitoring and Maintenance of MGL CP system - CAP43 Paper by: Pravin Vishvanathe, Mahanagar Gas Ltd, Mumbai</p>	
	<p>Interference & Corrosion Due to HVAC Power Lines Running Parallel to Cross Country Pipelines - Challenges in Mitigation and Way Forward - CAP44 Paper by: Malleesh G, Gail (India) Ltd-Cherlapalli, M. I. Md. Ammar, GAIL (India) Ltd-Noida D. Phani kumar, GAIL (India) Ltd-G.Konduru</p>	

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TUESDAY, 19 SEPTEMBER

Time	Activity	Location
1630 - 1800	Cathodic and Anodic Protection (CAP-4)	Hall - A
	Paper on Casing – Carrier Electrolytic Short Rectification - CAP45 Paper by: N. Ganesh, GAIL (India) Limited, Goa	
1630 - 1800	Corrosion in RCC Structures (RCC-3)	Hall - B
	Critical Strategies for Mitigating Corrosion of Reinforcing Steel in Concrete - RCC31 Paper by: Vijay Kulkarni, Ready-Mixed Concrete Manufacturers' Association, Mumbai	
	Corrosion Behavior of Dual Phase Steel In Different Pore Solution In RCC Structure - RCC32 Paper by: Subhadra Sahoo, Veer Surendra Sai University of Technology, Burla and Amit Sarkar, Jadavpur University, Kolkata	
	Determination of Corrosion Rates by Potentiostat and Weight Loss Measurement for Steels Embedded in Different Concretes Grades Developed with Different Cements - RCC33 Paper by: Rahul Ristav and Dinakar Pasla, Indian Institute of Technology Bhubaneswar	
	Calculation of Mass Loss on Corrosion of Reinforcement through Field Measurement - RCC34 Paper by: Dr. Sanket Nayak, Indian Institute of Technology (Indian School of Mines) Dhanbad and Narayan Chandra Moharana, KIIT University, Bhubaneswar, Odisha	
1630 - 1800	Power Plants & Utilities (PPU-2)	Hall - C
	Operating Experience of Nuclear Power Plants in the Context of Corrosion and Biofouling Issues - PPU21 Invited Paper by: R. S. Sundar, Nuclear Power Corporation of India Ltd, Mumbai	
	Failure of HRSG Tubes During Pre-Commissioning Hydro Test - PPU22 Paper by: Mahesh.S, Bharat Petroleum Corporation Limited, Kochi Refinery, Kerala	
	Corrosion Behavior of Ni-based Superalloys in Molten FLiNaK Salts - PPU23 Paper by: Niketan S. Patel, Viliam Pavlík, Miroslav Boča, Institute of Inorganic chemistry, Slovakia.	
	Corrosion Resistance System for the Steel Liner of Hydro-Electric Plant in Acidic Medium - PPU24 Paper by: Abhradip Pal and Chandan Das, Indian Institute of Technology, Guwahati, Assam	
	Corrosion of Nickel Alloys in Molten LiCl-KCl Medium Under Cl₂ Environment - PPU25 Paper by: A. Ravi Shankar and U. Kamachi Mudali Indira Gandhi Centre for Atomic Research, Kalpakkam – 603102, India	
1630 - 1800	Technical Interactive Forum-4 Regulations and Standards in Corrosion	Hall - D
1800-1900	Visit the Exhibit Hall and Posters	
1900-2030	Corrosion Awareness Awards - 2017 Ceremony	
2030-2200	Dinner	

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Schedule at a Glance

WEDNESDAY, 20 SEPTEMBER		
Time	Activity	Location
0900 - 1030	Microbial Corrosion & Inhibitors (MC&I-3)	Hall - A
	<p>Metal-Microbe Synergy Mechanisms in Localized Corrosion of Stainless Steels - MCI31 Invited Paper by: R. P. George, U. Kamachi Mudali and B. Anandkumar Indira Gandhi Centre for Atomic Research, Kalpakkam</p>	
	<p>Introducing a Comprehensive Pipeline Model System to Evaluate Biocides Based on their MIC Reducing Effects - MCI32 Paper by: Amit Bhattacharya, Nora Eibergen, KM Sreenivas, Subhash Nair, Geert M. van der Kraan Dow Chemical International Pvt Ltd</p>	
	<p>Evaluation of Inhibition Efficiency of Pseudomonas Putida Over Mild Steel in the Presence of a Corrosion Inducing Microbe - MCI33 Paper by: Suma M.S, S.M.A. Shibli, Rubina Basheer, Sreelekshmy.B.R, Amina.S., Ardra Ravi University of Kerala, Thiruvananthapuram</p>	
	<p>Biological Souring of Crude Oil Under Anaerobic Conditions - MCI34 Paper by: Yasunori Tanji, Ryo Hasegawa, Kazuya Tohyama, Kazuhiko Miyanag Tokyo Institute of Technology, Japan</p>	
	<p>Hydrophobicity and Corrosion Inhibition by Self Assembling Nano Films on Metal Surface – An Over View - MCI35 Paper by: Susai Rajendran, St. Antony's College of Art and Sciences for Women, Dindigul</p>	
0900 - 1030	Corrosion in Refineries (CR-2)	Hall - B
	<p>Impact of the Latest ASME B31.3 Revisions on PWHT of CS Piping in Oil and Gas Production and Refining Facilities - CR21 Paper by: Ameer Hamza, Fluor Arabia Limited, Al-Khobar Saudi Arabia & Cathleen Shargay and Tina Tajalli, Fluor, USA</p>	
	<p>Remaining Life Assessment of Outlet Radiant Heater Tube of Naphtha Cracking Unit-a Case Study - CR22 Paper by: S P Singh, S Bhattacharya, Kannan Chandrasekaran & S K Mazumdar Indian Oil Corporation Limited, Faridabad</p>	
	<p>Liquid Metal Embrittlement in Outlet Pigtails of Reformer of Hydrogen Generation Unit in Digboi Refinery - CR23 Paper by: K K Pandey, Sukla Mistry, S D Chaklader, R Gayen Indian Oil Corporation Limited, Tinsukia</p>	
	<p>Specifying Hardness Testing of Materials and Weldments on Vessels and Piping in Wet Sour Services - CR24 Paper by: Deo Borbor and Zesan Ardaniel, Fluor Daniel, Inc. – Philippines & Cathleen Shargay and Kuntak Daru, Fluor Enterprises, USA</p>	
	<p>Analysis of the Failure of the Ultrasonic Scanning of Bottom Plate of Storage Tanks to Detect Localized Corrosion - CR25 Paper by: Santanu Saha, Intertek – Inspec; United Arab Emirates</p>	
	<p>Corrosion of Monel Distributor of Caustic Scrubber in MSQ Unit - CR26 Paper by: K K Pandey, Sukla Mistry, S D Chaklader and R Gayen Indian Oil Corporation Limited, Tinsukia</p>	

WEDNESDAY, 20 SEPTEMBER

Time	Activity	Location
0900 - 1030	Student Session-2	Hall-C
	<p style="text-align: center;">Corrosion Inhibition Behavior of Nonionic Surfactant Based on Amino Acid on Mild Steel in Acid Media - SS21 Paper by: Ruby Aslam, Mohammad Mobin and Saman Zehra, Aligarh Muslim University, Aligarh</p>	
	<p style="text-align: center;">Studies of Anticorrosive Performance of Ginger Extract in Epoxy Coating - SS22 Paper by: Aarti P. More and Shashank T. Mhaske, Institute of Chemical Technology, Mumbai</p>	
	<p style="text-align: center;">Amino Acid Based Imidazolium Zwitterions as Novel and Green Corrosion Inhibitors for Mild Steel: Experimental and DFT Studies - SS23 Paper by: Jiyaul Haque and M.A. Quraishi Indian Institute of Technology (Banaras Hindu University), Varanasi</p>	
	<p style="text-align: center;">Oil Based Biocide Hybrids to Control MIC in Hydrocarbon Pipelines- A New Concept - SS24 Paper by: Jaya Chakraborty, Jaypee institute of information Technology</p>	
	<p style="text-align: center;">Corrosion Control of Mild Steel Used in Oil and Gas Industries by Triazole Derivatives In 1m HCL - SS25 Paper by: Pratap P Kamble and R S Dubey, R.J.College of Arts, Mumbai-400086</p>	
	<p style="text-align: center;">Experimental Investigation of Erosion Corrosion Behaviour of Magnesium and Its Alloys - SS26 Paper by: S Jayabharathy, S.Pushparaj, P.Mathiazhagan Pondicherry Engineering College, Pondicherry</p>	
0900 - 1030	Materials & Composites (MC-3)	Hall - D
	<p style="text-align: center;">Intergranular Corrosion Behavior Of The Mig-Braced Welds Of T6 Aa6061-Galvanized Mild Steel For Automotive Applications - MC31 Paper by: S. S. Sravanthi and Swati Ghosh Acharyya, University of Hyderabad, Hyderabad & K.V. Phani Prabhakar and G Padmanabham International advanced research centre for Powder Metallurgy, Hyderabad</p>	
	<p style="text-align: center;">Chromium-graphene Composite Coatings: Microstructure and Electrochemical Properties - MC32 Paper by: Rekha M Y, Punith Kumar and Chandan Srivastava Indian Institute of Science, Bangalore</p>	
	<p style="text-align: center;">Corrosion Study of Ti-6Al-4V Alloy in Normal Saline Solution - MC33 Paper by: S T Vagge, Arpit R Patil, College of Engineering, Pune</p>	
	<p style="text-align: center;">Control of Corrosion and Activation of the Mo Doped Mn Ferrite Based Electrode with Respect to Enhanced Power Generation in a Microbial Fuel Cell - MC34 Paper by: B.R.Sreelekshmy, Chinnu M. Lal, Suma M.S. S.M.A. Shibli University of Kerala, Thiruvananthapuram</p>	
	<p style="text-align: center;">Control of Corrosion and Tuning of Performance of Titanate Anode Under Bacterial Induced Environment - MC35 Paper by: Rubina Basheer, B.R. Sreelekshmy, Vidya K, Shabnam SN S.M.A. Shibli, University of Kerala, Thiruvananthapuram</p>	
1030 - 1100	Tea/Coffee	
1100 - 1600	Jung Se Jung	Hall - A
1100 - 1600	IMO	Hall - B

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Schedule at a Glance

WEDNESDAY, 20 SEPTEMBER		
Time	Activity	Location
1100 - 1330	Student Session - 3	Hall - C
	<p>Corrosion Behaviour of Prestressing Steel in Some Practical Scenarios - SS31 Paper by: Dyana Joseline and Radhakrishna G. Pillai, Indian Institute of Technology Madras Chennai & Jayachandran Karuppanasamy, National Institute of Technology, Trichy</p>	
	<p>Bioresorbable Nano β-TCP Coatings on Titanium by EPD for Biomedical Applications - SS32 Paper by: S.P.Vinodhini, R. Manonmani, Rajalakshmi Engineering College Chennai, B. Venkatachalapathy, SRM Eswari Engineering college, Chennai & T.M. Sridhar, University of Madras, Guindy Campus, Chennai</p>	
	<p>Electrochemical Performance of Graphene Oxide Deposits on 316l Stainless Steel - SS33 Paper by: J. Manovasuki, K. Ravichandran, T.M. Sridhar, University of Madras, Chenna & Rani P George and U. Kamachi Mudali, Indira Gandhi Centre for Atomic Research, Kalpakkam</p>	
	<p>Electrochemical Testing in Highly Resistive Steel-cementitious Systems - SS34 Paper by: Sripriya Rengaraju and Radhakrishna G. Pillai Indian Institute of Technology Madras, Chennai</p>	
	<p>Enhancement of Anticorrosive Performance of Epoxy Coating by Pistachio Shell Ash - SS35 Paper by: Shweta Amrutkar, Aarti More, Aparna Agrawal, Swapnil Kokate, Shashank Mhaske Institute of Chemical Technology, Mumbai</p>	
1100 - 1330	Corrosion in Refineries (CR-3)	Hall - D
	<p>Corrosion Control Strategies for Hydrotreaters and Fluidized Catalytic Cracking Unit - CR31 Paper by: Vivek Srinivasan, Prabin Chaudhary, Dorf Ketal Chemicals (I) Pvt. Ltd, Mumbai & Kelvin Chong Chee An, Desmond Tan Li Yew, Dorf Ketal Chemicals PTE Ltd, Singapore</p>	
	<p>An Application and Solutions Perspective on Refinery Corrosion and Integrity Management in India - CR32 Paper by: Vaibhav Mehta, Emerson Automation Solutions, Mumbai and R N Verma, Ex. IOCL Paradip, Jagatsinghpur, Odisha</p>	
	<p>Root Cause Analysis of Rupture in a Cross Country Crude Oil Transportation Pipeline - A Case Study - CR33 Paper by: G.C. Thakur, S P Singh, Sova Bhattacharya, C Kannan, S K Majumdar Indian Oil Corporation Limited, Faridabad & S S Gupta, Indian Oil Corporation Limited, Noida</p>	
	<p>Failure Investigation of Super Heater Tubes of a Boiler in Oil Refinery - CR34 Paper by: Aditya Divvela, S S Jha, Dr C. Kannan & Dr S K Mazumdar Indian Oil Corporation limited, Faridabad</p>	
	<p>Case Study on Detection and Mitigation of Wet H₂S Cracking in a Refinery - CR35 Paper by: Sukant Dev, K K Chattopadhyay, Kaushik Boral, A T Mandal Indian Oil Corporation, Mathura Refinery</p>	
1330 - 1430	Lunch	

WEDNESDAY, 20 SEPTEMBER

Time	Activity	Location
1430 - 1600	Microbial Corrosion & Inhibitors (MCI-4)	Hall - C
	<p>B3LYP-D3/6-311G(d,p) Level Of Theory To Reveal Corrosion Inhibitive Properties Of Five Cationic Gemini Surfactant - MCI41 Paper by: Sheerin Masroor, M. Mobin, M.J.Alam, Shabbir Ahmad Aligarh Muslim University, Aligarh (U.P) 202002-India</p>	
	<p>Synergistic Effect of l-proline Mixed with Sodium Benzoate as Sustainable Corrosion Inhibitor for Mild Steel in 1M HCl: Experimental and Theoretical Studies - MCI42 Paper by: Mosarrat Parveen and Mohammad Mobin, Aligarh Muslim University, Aligarh</p>	
	<p>Unravelling the Corrosion Inhibition Mechanism of Carboxymethyl Cellulose on Iron Surface Using DFT - MCI43 Paper by: Dharmendr Kumar, Vinay Jain and Beena Rai, TCS ResearchTM, Pune</p>	
	<p>Role of Tetramethylammonium Iodide on Control of Microbiologically Influenced Corrosion of Mild Steel Used in Oil And Natural GA Industries - MCI44 Paper by: Jitendra Girase and R.S.Dubey, R.J. College of Arts, University of Mumbai, Mumbai</p>	
	<p>Microbiologically Induced Corrosion of Austenitic Stainless Steel Equipment in Coastal Environment - MCI45 Paper by: Subir Kumar Mitra and Ashish kumar Singh, Indian Oil Corporation Ltd, Paradip</p>	
	<p>Effects of Reservoir Souring from Water Flooding and in an On-shore Oil Field - MCI46 Paper by: Saumya Mittal, Panneer Selvam V, Cairn Oil and Gas, Vedanta Limited, Gurgaon</p>	
1600 - 1630	Valedictory Function	
1630 - 1730	High Tea	