

| ID | Name / Organization  | Title  | Type             | Theme/SubTheme        |
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| 14 | Morla, Ms Aurelie<br>Freyssinet Australia                    | Case Study: Structural Remediation of a Cooling Tower  | Case Study Paper | Asset management      |
| 54 | Rigby, Conference Manager Rachelle<br>TREMCO                 | Please put your title in here.   | Case Study Paper | Sustainability        |
| 57 | Hussain, Mr Syed Wajahat<br>Atco Gas                         | Potential threat of AC Corrosion mitigation on a Steel Pipeline  | Case Study Paper | Cathodic Protection   |
| 58 | Rigby, Mr Justin<br>Remedy Asset Pr                          | A journey through coating failures   | Technical Paper  | Coatings              |
| 60 | Celine, Mr. David<br>Omniflex                                | ESG in Action: Rethinking Cathodic Protection for a More Sustainable Future  | Technical Paper  | Cathodic Protection   |
| 61 | Chaves, Prof Igor<br>The University Of Newcastle             | Safety and Structural Implications of Corroded Wall Stability Fitments in Heritage Masonry Construction  | Technical Paper  | Asset management      |
| 61 | Chaves, Prof Igor<br>The University Of Newcastle             | The Energy Infrastructure Corrosion Engineering Sustainability Conundrum   | Technical Paper  | Asset management      |
| 64 | Nnaemeka Chinedu, Dr. Ngobiri<br>University Of Port Harcourt | Catalysis and Anti-Oxidation properties of Rutin on Steel  | Technical Paper  | Steel                 |
| 74 | Schulz, Dr Christiane<br>Laserbond Ltd                       | High-Temperature Corrosion in power plants   | Technical Paper  | Non-ferrous corrosion |
| 75 | Rossi, prof Stefano<br>University of Trento                  | Study of waterborne eco-sustainable paint with plant, shells and cuttlefish bone powder based additives.   | Technical Paper  | Coatings              |
| 76 | Ackland, Dr Bruce<br>Bruce Ackland And Associates Pty Ltd    | Brian Martin Memorial Lecture  | Technical Paper  | Cathodic Protection   |
| 77 | Bennet, Mr Douglas<br>Intertek                               | An assessment of Microbiological Monitoring Techniques for Microbiologically Influenced Corrosion (MIC) in a Large Onshore Oilfield.                         | Case Study Paper | MIC                   |
| 78 | Terry, Miss Lyndsey<br>The University of Newcastle           | Investigation of galvanized coating weight and thickness on sheet wall ties for brick veneer and cavity brick walls  | Technical Paper  | Coatings              |
| 79 | Amirante, Mr Esteban<br>Cm Beasy Limited                     | IMPLEMENTATION OF A DIGITAL TWIN FOR AN OFFSHORE STRUCTURE   | Case Study Paper | Asset management      |
| 83 | Mclean, Mr Jack<br>Freyssinet Australia                      | Fortifying the Future: Ultra High Performance Concrete as a Solution for Corrosion Mitigation  | Case Study Paper | Concrete              |
| 86 | Salazar Romero, Ramon<br>SA Water                            | Optimised Cathodic Protection for New Water Mains in an Urban Infrastructure Project   | Case Study Paper | Cathodic Protection   |
| 87 | Magnifico, Ivano<br>AUTOMA srl                               | Catching the IR-free potential: an overview of the remaining IR components in Off measurements, and importance of the design for PRE with integrated coupon. | Technical Paper  | Cathodic Protection   |
| 87 | Magnifico, Ivano<br>AUTOMA srl                               | Influence of overprotection on AC corrosion. Analysis of a real case.  | Technical Paper  | Cathodic Protection   |
| 95 | Wade, Professor Scott<br>Swinburne University                | Microbially Influenced Corrosion Testing - Interpreting Multiple Lines of Evidence   | Technical Paper  | MIC                   |

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| 98  | Chia, Ms Joelle W.Y.<br>RMIT University  | Comparative study of corrosive aerosol deposition on aircraft and ground surfaces  | Technical Paper  | Asset management      |
| 99  | Chen, Mrs Amanda<br>Aecom  | Assessing the sustainability of corrosion management for reinforced concrete structures in marine environment                              | Technical Paper  | Sustainability        |
| 100 | farzaneh, Dr amir<br>Erg   | MIC Corrosion: A Persistent Challenge in Stainless Steel Pipelines   | Technical Paper  | MIC                   |
| 100 | farzaneh, Dr amir<br>Erg   | Recent Trends in Predictive Methods for Steel Corrosion in Concrete: Influence of Environmental Factors and Material Properties            | Technical Paper  | Concrete              |
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| 106 | White, Mr Geoff<br>Akzonobel   | Heat Induction Stripping of Thick Film Protective Coatings   | Case Study Paper | Coatings              |
| 108 | Savage, Technical Services Manager Dan<br>Dulux Protective Coatings                | Severe Wastewater Analysis Testing   | Technical Paper  | Water                 |
| 109 | Jafar Mazumder, Professor Mohammad<br>King Fahd University of Petroleum & Minerals | Design and Synthesis of Bio-based amino acid containing hydrolyzed Methionine residue and Maleic Acid as a Corrosion Inhibitor in 15% HCl. | Technical Paper  | Steel                 |
| 114 | Hossain, Dr Md Akhtar<br>The University Of Newcastle, Australia                    | Assessment of Corrosion of Wall Ties in Masonry Construction: A 50-Year-Old Building Near Lakeside in NSW, Australia                       | Case Study Paper | Asset management      |
| 115 | Rihan, Dr. Rihan<br>Kuwait Institute For Scientific Research                       | A Novel Fracture Mechanics Methodology for Researching the Sulfide Stress Cracking   | Technical Paper  | Steel                 |
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| 119 | Everton, Mr. John<br>SRG Asset Care  | Case Studies in Buried Cast Iron Pipe Corrosion Failures, Ranging from a Service Life of 8 Years to Over 150 Years.                        | Case Study Paper | Water                 |
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| 122 | Heath, Mr Joel<br>Infracorr Consulting Pty Ltd                                     | Hybrid Corrosion Protection for a Reinforced Concrete Cooling Tower: Design, Implementation, and Performance                               | Case Study Paper | Concrete              |

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| 129 | Meillier, Mr Arnaud<br>Freyssinet France                                | Application of cathodic protection in power station environments: a case history   | Case Study Paper | Cathodic Protection   |
| 130 | Owen, Mr Keith<br>Akzo Nobel (international)                            | Sustainability in Protective Coatings: Innovations in System Selection and Carbon Footprint Reduction  | Technical Paper  | Sustainability        |
| 131 | Kawagle, Integrity Engineer John<br>Exxonmobil Png Ltd.                 | Developing Effective External Corrosion Prevention Programs in Challenging Environments: A Case Study from Papua New Guinea                      | Case Study Paper | Asset management      |
| 132 | Ghadimi Zaker, Mohammad<br>Dulux Group                                  | Electrochemical Impedance Spectroscopy, a more efficient corrosion test method   | Technical Paper  | Coatings              |
| 133 | Nadiran, Mr Vahid<br>Aurecon  | Corrosion mitigation methods for concrete columns in potable water tanks   | Case Study Paper | Concrete              |
| 138 | Lacey, Chief Engineer Gordon Milton<br>DST Dryer                        | Flash rust prevention in large enclosures with humidity control  | Case Study Paper | Coatings              |
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| 140 | Duckworth, Ms Helen<br>International Paint Ltd.                         | Are Current Test Regimes Translatable to Real Life Environments? Improvements in NORSOK M-501:2022 with Regards to Epoxy Passive Fire Protection | Technical Paper  | Coatings              |
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| 144 | Kichena, Specification Sales Manager<br>Soumakiyan<br>Akzonobel Pty Ltd | CHALLENGES OF PASSIVE FIRE PROTECTION OF STRUCTURAL STEEL IN MODULAR CONSTRUCTION  | Case Study Paper | Coatings              |
| 145 | Blackwood, A/prof Daniel<br>National University Of Singapore            | Investigating the Corrosion Mechanism of Microbial Influenced Corrosion of Stainless Steels by Sulphate reducing Bacteria                        | Technical Paper  | MIC                   |
| 149 | Ghosh, Mr Rishav<br>Monash University                                   | Corrosion characteristics of novel mechanically-processed high-strength Al-Cu-Mg alloys  | Technical Paper  | Non-ferrous corrosion |

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| 151 | Tan, Professor Mike Yongjun<br>Deakin University Australia  | New methods and materials for localised corrosion control and management  | Technical Paper  | Asset management      |
| 154 | Tan, Dr Nicholas Sheng Loong<br>Curtin University   | Determining Corrosivity of Insulation Leachates Using Cyclic Potentiodynamic Polarisation   | Technical Paper  | CUI                   |
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| 156 | Godson, Mr. Ian<br>Infracorr Consulting   | Post-Tensioned Floor Slab Corrosion Failure   | Case Study Paper | Cathodic Protection   |
| 157 | Humphrey, Mr Henry<br>Critical Infrastructure Performance and Reliability Group – University of Newcastle | Evaluation of Pitting Corrosion of Marine Immersed Weld Samples   | Technical Paper  | Marine                |
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| 161 | Williams, Director Business Development - Oceania Phil<br>Integrated Global Services                      | Preventing Corrosion Resulting from Renewables Conversion   | Case Study Paper | Coatings              |
| 162 | Petersen, Dr Robert<br>The University Of Newcastle  | Stress corrosion cracking of low alloy steels in seawater over extended exposure periods  | Technical Paper  | Marine                |
| 164 | Palmer, B.a.sc (integrated Engineering),<br>Mieaust Troy<br>Marine and Civil Maintenance Pty Ltd          | Electrochemical Chloride Extraction Trial for a Cooling Tower   | Case Study Paper | Cathodic Protection   |
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| 183 | Habib, Senior Research Scientist/Full Research Professor Khaled KISR, Kuwait | Novel Electrochemical Emission Spectroscopy of Studying Aluminum in Aqueous Solutions  | Technical Paper  | Non-ferrous corrosion |
| 184 | Ayres, Engineering Director Nicholas Commercial Marine Group                 | Extending Wharf Design Life without disruption to Port Operations using the jack up pile solution  | Case Study Paper | Marine                |
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| 184 | Ayres, Engineering Director Nicholas Commercial Marine Group                 | Inspection and repair of insitu repair of prestressed concrete piles - a hidden story - GPT 114 Eagle Street, Brisbane River   | Case Study Paper | Concrete              |
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| 192 | Jokari-Sheshdeh, Dr. Maziar SRG Global Australia                             | Performance assessment of hybrid anode cathodic protection on marine reinforced concrete piles   | Case Study Paper | Cathodic Protection   |
| 194 | Miyano, Dr. Yasuyuki Akita University  | Electrochemical Behavior and Microbial Interactions of AISI 304 Stainless Steels with Different Microstructures under Artificially Induced Ennoblement in Freshwater | Technical Paper  | MIC                   |
| 195 | Preston, Mr Jim Corrosion Prevention Limited                                 | Cathodic Protection of Reinforced Concrete – Is It Worth It? - A 35-Year Tale  | Technical Paper  | Concrete              |
| 196 | Hunter, Segment Dev. Manager David Hempel                                    | Advanced Insulation Coatings for Energy Retention & Managing Corrosion Under Insulation  | Case Study Paper | CUI                   |
| 197 | Perrie, Mr Charles Srg Global Asset Care                                     | Corrosion Under Pipe Supports  | Technical Paper  | CUI                   |
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| 200 | Dickinson, Mr Andrew Vector Corrosion Technologies                           | Long term performance case studies of galvanic corrosion protection for concrete bridge infrastructure   | Case Study Paper | Cathodic Protection   |
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| 211 | Ghorbani, Dr. Marzie<br>Deakin University  | Corrosion Behaviour of High Entropy<br>Brasses: Insights from Cyclic Polarisation<br>and Multi-Element Design                | Technical Paper  | Non-ferrous corrosion |
| 213 | Berends, Mr Nate<br>Marine and Civil Maintenance   | Shaping Protection: The Role of Pile<br>Geometry in Electrochemical Chloride<br>Extraction Performance                       | Technical Paper  | Cathodic Protection   |
| 215 | Branca, Project Manager Dominic<br>Marine & Civil Maintenance Pty Ltd                              | Project Case Study – Devonport Wharf   | Case Study Paper | Cathodic Protection   |
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| 254 | Calizaya, Miss Mariela<br>Freyssinet   | Chloride-Induced Corrosion and Remediation<br>Strategies for Reinforced Concrete in Gold<br>Mining Environments              | Case Study Paper | Asset management      |
| 259 | Phang, Mr Bob<br>SMEC Australia Pty Ltd  | THE CIRCULAR ECONOMY OF<br>HYDROCARBON ENERGY TO ACHIEVE<br>DECARBONISATION ERA OF<br>SUSTAINABLE ENGINEERING                | Case Study Paper | Sustainability        |
| 260 | Faccio, Mr Daniel<br>ACT part of the FITT Group of Companies                                       | Case Study: Protection of Sewage<br>Treatment Plant Inlet Pipes- 10 years on   | Case Study Paper | Coatings              |
| 261 | Gui, Dr Na<br>Aurecon  | Review of Copper Corrosion in Soil   | Technical Paper  | Non-ferrous corrosion |
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| 265 | Fatemi, Dr Hamid<br>Transport For New South Wales (TfNSW)       | Performance of sacrificial anode cathodic protection systems installed within the cover concrete region of reinforced concrete bridges in a marine environment | Case Study Paper | Cathodic Protection |
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| 273 | Adelkhah, Ms Hoda<br>SA Water                                   | Performance of Anchor Knob Lining System in Sewage Infrastructure: Causes and Consequences of Premature Failure  | Technical Paper  | Concrete            |
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| 284 | Collins, Ms Fiona<br>BG&E Pty Limited                           | Case Study: Stainless Steel Corrosion in Aeration Tanks, an Asset Management Overview  | Case Study Paper | Asset management    |
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