Corrosion & Prevention 2008 "The Impact of Corrosion on our Lives"

Wellington Convention Centre Wellington, New Zealand 16 - 19 November 2008

Preliminary Programme & Registration Brochure



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Your Hosts

The Australasian Corrosion Association Inc (ACA) is a not-for-profit organisation, whose fundamental aim is to advance corrosion control through increased understanding of science, technology and engineering practices.

The ACA was established in 1955 to service the needs of Australian and New Zealand companies, organisations and individuals involved in the fight against corrosion. It is dedicated to protecting the environment, ensuring public safety, and reducing the economic impact of corrosion.

Invitation from the Convenor

The Australasian Corrosion Association invites you, your colleagues, friends and family to join us at our 48th annual conference, the first to be held in Wellington, New Zealand's capital city. 'Corrosion & Prevention 2008' will be held between 16th and 19th of November in the recently refurbished Wellington Town Hall, in the Central Business District.

Come along to hear presentations from invited international experts and Australasia's leading practitioners on the many aspects of corrosion and its mitigation, and join in forums run by the ACA's Technical Groups where you will hear about the latest developments in reducing the impact of corrosion on our industries and infrastructure.

Wellington is a convenient base to explore the different local attractions (many within walking distance of the conference venue) and has direct flights to tourist destinations such as Rotorua, Queenstown and Christchurch for those overseas visitors who are able to stay a little longer. Whether you are interested in art and culture, food and wine, water sports, mountain biking, native bird sanctuaries, botanical gardens, vintage cars and steam engines, or just corrosion prevention, Wellington is the place to be in November, so mark the date in your diaries now!

I look forward to welcoming you to my hometown and "the greatest little capital in the world".

Willie Mandeno Conference Convenor

Disclaimer

This programme is a draft only based on the abstracts received by the advertised deadline. The ACA reserve the right to alter without notice any of the arrangements, timetables and programmes relating to the conference. Papers are subject to refereeing, and as such may be excluded from the final programme.

Keynote Speakers

Michael A. Lacasse, Senior Research Officer, National Research Council, Canada

Dr. Michael A. Lacasse is a building engineer and senior research officer at the Institute for Research in Construction, National Research Council Canada. His work focuses on the weathertightness of facades and development of methods to assess the long-term performance of building materials, components and building envelope assemblies. More recently he has been involved in projects that center on evaluating water penetration of cladding and wall assemblies and the management of water entry at the wall-window interface.

Tim Burstein, Professor of Materials Chemistry and Corrosion, University of Cambridge, United Kingdom

Tim Burstein is Professor in the Department of Materials Science and Metallurgy of the University of Cambridge, United Kingdom. He is the author of some 200 papers and articles, mainly in corrosion and electrochemistry of metal surfaces. He is Editor in Chief of Corrosion Science and co-edited the third edition of Corrosion (with Lionel Shreir and Ray Jarman). He is a Life Fellow of the Institute of Corrosion and an elected Fellow of the Electrochemical Society.





Keith A Lichti, Senior Consultant / Asset management Quest Reliability, New Zealand

Keith Lichti has a BASc in Electrical Engineering (Semiconductor Physics), and an MASc in Mechanical Engineering (Materials Science), both from the University of Waterloo, Ontario, Canada. Keith is a Senior Consultant in Asset Management for Quest Reliability in New Zealand. His early work in materials for geothermal energy systems is continuing with more recent work including condition assessment and remaining life prediction in atmospheric corrosion, acid production environments, high temperature corrosion and oil and gas and refinery corrosion with an emphasis on total asset management services involving risk based assessment and inspection of aging plant and equipment.

Steven Nixon, Polymer Technical Manager, International Paint, United Kingdom

Steven Nixon joined International Paint in 1980 after graduating with a degree in Applied Chemistry from the University of Northumbria, England. Steven has worked for International Paint for 28 years in a number of different market areas, including Marine, Protective Coatings and Powder Coatings and is currently Polymer Technical Manager - Worldwide Protective Coatings. During his career he has developed novel high solids/solvent free high performance top coat technology, high solids fast curing amine curing agent technology and low temperature curing powder coatings.



Other Invited Speakers

John R Black, Opus International Consultants Les Boulton, Les Boulton & Associates Robert Francis, Connell Wagner Alex Garner, WorleyParsons Bruce Hinton, Defence Science and Technology Organisation Nick Laycock, Shell Todd Oil Services Graham Sussex, Sussex Material Solutions

Programme

This programme is a draft only. The ACA reserve the right to exclude any paper and to alter without notice any of the arrangements, timetables and programmes relating to the conference.

		Sunday 16th	November		
10:00 - 17:00		Registration D	Desk Opens		
12:00 - 17:00	Exhibitor Pack In				
18:30	Welcome Function Sponsored by Incospec & Associates, Te Papa Museum				
		Monday 17th	November		
08:45		Opening address and starti	ng of the Ed Potter Clock		
09:00		Official opening by Kerry Prend	lergast, Mayor of Wellington		
09:10		Plenary Session: Dr			
	"Advances in Service Life Prediction	n – Differentiating amongst Deterioration		erm Performance of Built Assets"	
09:50		PF Thompson Lecture: Mr Keith Lichti			
10:30	Complex for New York in the	Morning	-	Matadala	
11:00	Corrosion for Non-corrosionists Controlling Corrosion in Australasia	Science Quo Vadis? Some Thoughts about	Concrete Long-term Observations of	Materials Towards a Mechanistic	
11:00	– A Report Card L Boulton Les Boulton & Associates 001	the Status of Research in the Field of Microbial Corrosion in Australia, Iran and Turkey Based on Papers Presented on MIC Within the Last Twenty Years R Javaherdashti & E Sungur Curtin University of Technology, WA & Istanbul University, Turkey 005	Reinforcement Corrosion for Concrete Elements Exposed to the North Sea RE Melchers & CQ Li The University of Newcastle, Australia & The University of Greenwich, England 079	Understanding of Atmospheric Induced Chloride Stress Corrosion Cracking of Type 304L and 316L Stainless Steel A Cook, A Sherry, D Phan & S Lyon University of Manchester 114	
11:30	Getting the Best from your Stainless Steel G A Sussex Australian Stainless Steel Development Association 016	Effect of Temperature on Oxide Film Morphology on Steel Exposed to Bayer Liquor J N Connor, R Wood & D Druskovich Central Queensland University 054	The Repair of Live Wastewater Facilities using Calcium Aluminate Mortars M Kurtovich & M Lawson Construction Techniques Ltd 078	Assessment of the Tribocorrosion Properties of Sol-Gel Sealed Cast Aluminium Alloys D C Culliton ¹ , A J Betts ² & D Kennedy ¹ DIT, Ireland ¹ & Directorate of Research & Enterprise, Ireland ² 113	
12:00	Preservation and Incorporation of Heritage Structures into the Contemporary Built Environment – An Assessment of Heritage Building Materials Exposed to Atmosphere in Victoria, Australia K Wilson Maunsell Australia Pty Ltd 087	Mass Transfer Around Suspended Rotating Cylinder – Effect of Geometry, Velocity and Temperature V Ruzic ¹ , S Nesic ² & M Veidt ¹ The University of Queensland ¹ & Ohio University ² 044	Galvanic Liquid Applied Coating for the Protection of Concrete Reinforcement M Hansen, A Hansen, A Green & A Furman Cortec Corporation, USA 007	Refining Industry Forum	
12:30		Lunc	:h		
13:15		ACA A	GM		
	Corrosion for Non-corrosionists	Science	Concrete	Welding	
13:45	Durability Planning for New Infrastructure Projects S Furman Maunsell Australia Pty Ltd 055	Cathodic Mass Transfer Relationship of Carbonic Acid Solutions With Trace Dissolved Oxygen Contamination D John, B Kinsella, S Bailey & R De Marco Curtin University of Technology 053	Electrochemical Techniques: Methodology for Studying the Corrosion Performance of Reinforcing Steel in Inorganic Polymer Mixes C. K. Chua, R. Julian, J. Soltis & K. Lichti Quest Reliability Ltd 065	Intergranular Corrosion and Residual Stress Determination of Duplex Stainless Steel Pipeline Girth Welds B Gideon ¹ , L P Ward ² , D G Carr ³ & O Muransky ³ ¹ ARV Offshore, Thailand ² RMIT University & ³ ANSTO	
14:15	Calamities, Corrosion, Leaky Buildings and the Law A McGregor Prosolve Ltd 046	MIC In Galvanized Potable Water Piping R Jeffrey Pacific Testing Pty Ltd 038	Extension of Design Life of Existing Maritime Infrastructure – A Durability Perspective F Blin ¹ , M Dacre ¹ , C opt' Hoog ¹ & R Newcombe ² Maunsell Australia Pty Ltd ¹ & Patrick Ports ² 068	110 Welding Industry Forum	
14:45	Hindsight and Oversight – Corrosion Lessons Learned A James Defence Technology Agency, New Zealand 028	Role of microstructure in corrosion of AZ91D: A SVET based study A. Saxena ¹ , R. K. Singh Raman ¹ , S. Ramu ² & A. K. Shukla ² Monash University ¹ , & Central Electrochemical Research Institute, India ² 062	Structural Investigation and Conservation Options for the Garden Island Hammerhead Crane, Sydney P Bignell & N Barker Robert Bird Group Pty Ltd 069	Welding Industry Forum	
15:15		Afternoo	on Tea		

	Water Systems	Science	Coatings	Defence	Technical Group Forum
15:45	Protecting the Future of Queensland's Water Supply F Carroll & G Cope GHD & Geoff Cope and Associates 072	Evidence for Microbiological Influenced Longer-term Corrosion in Tidal and Coastal Atmospheric Corrosion of Steel Elements RE Melchers & RJ Jeffrey The University of Newcastle 080	Environmentally Friendly High Performance Coatings P K. Fisher Rust-Oleum Corporation, USA 024	Corrosion Control on ADF Aircraft and Future Challenges B Hinton DSTO 104	Cathodic Protection
16:15	Hard Water Influences on Water Pipes in the Domestic Community, Northern Territory R Everett Charles Darwin University, NT 093	Determination of Threshold Stress Intensity Factor (KISCC) of Simulated HAZ in Caustic Solution Using Circumferential Notch Tensile Technique S Pal & R.K. Singh Raman Monash University 052	2-Component Polyurethane Topcoats - Formulating Variables Affecting Weathering Performance E Squiller & K Best Bayer Material Science, USA 004	Evaluation of Corrosion Preventive Compounds Using ASTM Standards G44 and G50 M Hollis, Defence Technology Agency, New Zealand 026	Cathodic Protection
16:45	Hobart Water's Approach to Developing a Long-Term Infrastructure Management Strategy R Fox & I Martin Hobart Water & Maunsell Ltd, New Zealand 066	Computer Simulation of Pitting Corrosion: Multiple Interacting Pits D.P. Krouse & N.J. Laycock Industrial Research Limited & Shell Todd Oil Services Limited 097	Assessing the Risk of Zinc Chromate in Paints C Bodle & F Salome CTI Consultants Pty Ltd 048	CPC Performance: A Chemistry Perspective B Martin Defence Technology Agency, New Zealand 035	Cathodic Protection
17:15	Brisbane Water Implementation of an Asset Management Plan for Cathodic Protection of Buried and Submerged Metallic Infrastructure M Jukes Brisbane Water 043	ElS Study on Corrosion Behavior of Low Alloy Steels in CO2- Containing Environments R Labbaf & M Baghernejad Tarbiat Modares University & Iran University of Science and Technology 020	Paint System Specification Differs in Marine Environments J K Saha Institute for Steel Development & Growth, India 057	Corrosion of Marine Grade Aluminium Alloys N. Gage, P. Mart, L. Pedrina, E. Pescott & S. Russo Defence Science Technology Organisation, Melbourne 067	
18:00	Exhibition Opening				

		Tuesday 18th November				
09:00		Plenary Lecture: D	r Tim Burstein "TBA"			
	Oil & Gas	Science	Asset Management	Technical Group Forum		
09:45	Lesson Learned - Thermally Insulated Deepwater Pipelines A Garner WorleyParsons 002	When Mythbusters Focus on MIC! Avoiding Common Pitfalls in the Practice of MIC R Javaherdashti Curtin University of Technology, WA 006	A Global study of Chloride Induced Corrosion within RTA's Reinforced Concrete Bridge Stock W Ariyaratne, G Chirgwin, P Manamperi & M Moore RTA, New South Wales 059	Defence		
10:15	Corrosion Risk Management and Assessment for Offshore Topside Processing Facilities V Afshari Namvaran Consulting Engineers 058	Relating Corrosion Inhibitor Efficiency to the Adsorbed Film Structure S. Bosenberg, D. John, T. Becker, S. Bailey & R. De Marco Curtin University of Technology, WA 089	Jordan River Bridge Refurbishment S McCrossen & R Fox Hobart Water 049	Defence		
10:45	Morning Tea					
	Oil & Gas	Science	Asset Management	Concrete		
11:15	Is Direct Assessment a Valid Approach for Pipeline Integrity Management? CJ Argent ¹ , J Healy ¹ , D Norman ² & C Yoxhall ³ MACAW Engineering ¹ , Corrosion Control Ltd ² & ROSEN Inspection ³ 008	Mechanism of Corrosion Product Growth on Nickel Aluminum Bronze / Ammonia or Seawater Interface: Modeling Based on Chemical Reaction Kinetics A S. Rao & W D. Sudduth Naval Surface Warfare Center, USA 010	Using Corrosion Data to Improve your Asset Management J Morris Opus International Consultants Limited 103	Galvanic Corrosion Control Solutions for Reinforced Concrete Patch Repairs P Battista Parchem Construction Products 100		
11:45	A Decision Support System for the Analysis of Susceptibility to Corrosion Under Insulation A A Mokhtar & M C Ismail Universiti Teknologi PETRONAS, Malaysia 023	Electrochemistry of Zinc Anode Z1 AS 2239-2003 HJ. Flitt & D. P Schweinsberg Queensland University of Technology 061	Asset Risk Minimisation Plans for Steel Penstocks & Pipelines J Davies Hydro Tasmania Consulting, Hobart 051	The use of Electro-Osmotic Pulse Technology to Stop Alkali-Silica Reaction in Concrete V F. Hock & O S. Marshall USACE Engineer Research and Development Center, USA 115		
12:15	PipeLine Coatings: An Industry View G Street Sulco Limited 031	Corrosion Resistance of Nanocrystalline Fe-Cr Alloys R Kr. Gupta & R K Singh Raman Monash University 070	Real-Time Downhole Corrosion Monitoring M.I. Jafar ¹ , S.A. Al-Jutaily ¹ , A.H. Al-Rasheed ¹ , A.A. Al-Shayeb ¹ , A.A. Al-Ghafly ¹ & Kerry Spicer ² Saudi Aramco, Saudi Arabia ¹ & Intertek Ltd, UK ² 077	The use of Vitreous Enamel Coatings to Improve Bonding and Reduce Corrosion in Concrete Reinforcing Steel V F. Hock, S W. Morefield, D. C. Day, C A. Weiss, Jr. & P G. Malone USAE Engineer Research and Development Center, USA 116		
12:45		Lunch				

	Oil & Gas	Science	Asset Management	Materials	Technical Group Forum
13:45	Electrolytic Corrosion in Condensate Transportation Pipelines N Laycock, T Irwin & M Molyneaux STOS, New Zealand 096	Stress Corrosion Cracking Behaviour of Biodegradable Magnesium-based Alloy in Simulated Physiological Condition M. Bobby Kannan & R.K. Singh Raman Monash University 099	Concrete Degradation In Prestressed Concrete Bridge Piles S.M. Bruce ¹ , S.A. Freitag ¹ , A. Shayan ² , R. Slaughter & R. Pearson Opus International Consultants Ltd ¹ & ARRB Ltd ² 092	A Durability Assessment Tool for the New Zealand Building Code N.P. Lee BRANZ Ltd 086	Buildings & Concrete Structures
14:15	A New Approach to Cathodically Protecting Oil and Gas Transmission Piping Subjected to Induced Currents R.A.Gummow & S Segall Corrosion Service Co , Canada 095	Quantum Chemical Characterisation of Pyridine Derivatives as HCI Inhibitors of Aluminium Surface E. Jamalizadeh, A. H. Jafari & S. M. A. Hosseini University of Kerman, Iran 033	Refurbishment of the Paringa Road Bridge – Third Party Surveillance of QA Contract V Thomas ¹ , D Richards ² & F Salome ³ Thomas Contracting ¹ , DTEI ² & CTI Consultants ³ 047	Improving the Corrosion Resistance of a High-Strength Aluminum-Copper Casting Alloy M Manivannan, J H. Sokolowski & D O. Northwood University of Windsor, Canada 019	Buildings & Concrete Structures
14:45	Case Histories of Stress Corrosion Cracking W A Al-Harbi & C van der Westhuizen SABIC Technology Center 017	Corrosion Behavior of Different Alloys Exposed to Continuous Flowing Seawater by Electrochemical Impedance Spectroscopy (EIS) K.Al-Muhanna & K.Habib SAFAT, Kuwait 009	Feasibility of Sacrificial CP as an Effective Corrosion –control Measure for Reinforced Concrete Bridges G Chirgwin, P Manamperi & M Moore RTA, New South Wales 060	Corrosion of Friction Stir Welded AA6082 in an Accelerated Corrosion Environment B Withy Defence Technology Agency, New Zealand 025	Buildings & Concrete Structures
15:15			Afternoon Tea		
	Oil & Gas	Science	Cathodic Protection	Materials	Technical Group
15:45	The Experience Operation of Gas Pipeline Tubes of 1420 Mm Diameter Strength Category X6770 by API 5L in Russia S.A. Lubenskiy & G.S. Rakitina VNIIGAZ, Russia 003	Polarisation Behaviour of Twinning Induced Plasticity (TWIP) Steel M. Bobby Kannan, A. Bakshi, R.K. Singh Raman & S. Khoddam Monash University 099	NSW Electrolysis Technical Committee's revision of "Guide for the Measurement of Interference Caused by Cathodic Protection and Rail Drainage Systems" P Hosford NSWETC 040	Stainless Steels – Corrosion Behaviour of Ferritic and Austenitic Grades Compared A.J. Gouch & W. McMillan Crane Metals Distribution (Austral Wright Metals & Mico Metals) 045	Arthur River Bridge: A Corrosion Case History D Ackx Zintec Corrosion Solutions 105
16:15	Corrosion Under Insulation: Pin Hole Leak in Light End Column S Velu Ethylene Glycols Singapore 041	Durability Analysis for Stresses due to Corrosion Pits in 5059 Aluminum Alloys R M. Pidaparti ¹ & A S. Rao ² Virginia Commonwealth University ¹ & Naval Surface Warfare Center ² , USA 012	Forensic Assessment and Rehabilitation of a 30 Year Old CP System on a Steel Piled Building U Kreher & I Solomon Connell Wagner 085	Corrosion Behaviour of 304 Stainless Steel in Carburising Gas Atmospheres J Zhang & D J. Young University of New South Wales 027	Coatings Group
16:45	Hydrogen Cracking in Welded AlSI 321 Stainless Steel Handling Sour Environment / Case Study H B. Rahmatalla ¹ , M M Ahmad ¹ & S P Bangard ² University of Qatar ¹ & Dolphin Energy Ltd ² 071	Studies on Dezincification of Alpha Brass and its Mitigation by Antimony Addition and Inhibitors U.K. Chatterjee, K. Sridhar & S.K. Roy Indian Institute of Technology 021	Analysis of Anode Arrays G Gummow GHD, Melbourne 050	Anodizing of Aerospace Grade 7050 Aluminium Alloy for Improved Corrosion Resistance L P Ward', B Hinton ² , A Butler ² , D Cromwell' & E Tang' ¹ RMIT University & ² DSTO 109	Coatings Group
17:15	Modern Achievements of Electrochemical Corrosion Protection Design in Russian Federation I. Vjunitsky & V. Pritula VIINST, Russia 117	CO2 Corrosion in the Presence of Acetic Acid: Turbulent-Flow Conditions M C Ismail & S Turgoose Universiti Teknologi PETRONAS, Malaysia & UMIST, UK	Wayne Burns Anode Engineering 112	Effect of Alloying Element on Corrosion Behavior of Stainless Steel 304 After Plastic Deformation E. Jafari & J. Hadianfard Shiraz University, Iran 073	Coatings Group



	Wednesday 19th November			
09:00	Plenary Lecture: Steven	Nixon "The design of a one component,	high solids, VOC compliant, high durat	oility finish technology"
	Science	Coatings	Concrete CP	Technical Group Forum
09:45	Role of Micro-/Nanocrystalline Structure in Corrosion R.K. Singh Raman Monash University 101	International and Australasian Standards for Coating Selection: A Critical Comparison R A Francis Connell Wagner 076	A Review of Design and Performance Criteria Requirements for the Cathodic Prevention of Concrete Structures P Vimpani & P Karajayli Maunsell Australia & Savcor ART 082	Water Industry
10:15	Stress Corrosion Cracking (SCC) of Heat Exchanger 316L Stainless Steel Tube Handling Sea-water / Case Study H B. Rahmatalla ¹ , M M Ahmad1 & M Bendeddosh ² University of Qatar ¹ & Qatar Petroleum ² 075	The Role of Protective Coatings in an Offshore Asset Maintenance System G White Maunsell Australia Pty Ltd 018	Cathodic Corrosion Protection Of Precorroded Steel In Concrete With Galvanic Zinc Anodes L. Stockert, A. Herrmann & N. Braun University of Applied Sciences, Fachhochschule Wuerzburg- Schweinfurt 090	Water Industry
10:45		Poster Paper Sess	ion & Morning Tea	
	Marine	Water	Coatings	Concrete
11:15	Corrosion Profiles of Mild Steel in Varying Tidal Seawaters R Jeffrey & R Melchers University of Newcastle 030	Corrosion Measurement on Asbestos Cement Pipes J Black & J Morris Opus International Consultants 036	1k Polysiloxane Coatings – Features and Benefits M N Bavin, K T Constable, L H P Gommans & G Kay PPG Industries (NZ) Ltd 014	Galvanostatic Pulse Corrosion Rate Monitoring for Steel in Concrete L Holloway ¹ , Phil Karajayli ¹ & Nick Birbilis ² Savcor Group Pty Ltd ¹ & Monash University ² 088
11:45	Combinations of Corrosion Protection Systems for Marine Structures & Jetties S Pearce Winn & Coales (Denso) Ltd, UK 056	The Current Understanding of Pipeline Corrosion and Failure Prediction M Dafter Hunter Water Australia 063	An Assessment of Fluorotitanate Conversion Coatings for Pre-painted Applications R Edavan, A Ruggieri & R Kopinski Akzo Nobel Pty Ltd 037	Analysis of the Corrosion of Prestressing Tendons and Reinforcement in a 50 year old Bridge T Pape & R E Melchers The University of Newcastle 081
12:15	Using Induced Tension Polymer Wrap Technology for Trestle Pile as Corrosion Protection System at Yanbu Terminal W M. Gahwagy Saudi Aramco 013	Pin Hole Failure in Cooling Water Return Circuit of a Reactor S Velu Ethylene Glycols Singapore 042	Evaluation of Environmentally Benign New Chemical Rust Removing Agent - Hydroxyethane Diphosphonic Acid (HEDPA) A. S Rao, A. Y Rao & A S. Rao Naval Surface Warfare Center, USA 011	The use of Continho Rings and other Shrinkage Measurement Methods in Developing Repair Mortars to Meet EN 1504 C Peterson BASF Construction Chemicals 094
12:45		Lui	nch	
	Marine	Science	Oil & Gas	Materials
13:45	Cathodic Protection of the Australian National Maritime Museum Wharves, Darling Harbour A Zoras Austress Freyssinet 083	Quantum Chemical Study of Some Lactones as Inhibitors for the Corrosion of Mild Steel in 1 M Hydrochloric Acid E. Jamalizadeh, S. M. A. Hosseini & A. H. Jafari University of Kerman, Iran 034	Pitting Corrosion in a Carbon Steel Produced Water Line N Laycock Shell Todd Oil Services 091	The Effect of Cold Work on Corrosion and Other Properties of Metals G A Sussex Sussex Materials Solutions 015
14:15	Protecting the Melbourne Port Against Corrosion J Pritchard & A Hillier Austress Freyssinet 084	Inhibition of Metals Corrosion in Polydisperse Environments D Kolesnik State Road Scientific Research Institute, Russia 074	The Integration of Corrosion & Process Engineering for Optimized Asset Integrity Management Practice O Susic & P Wilson Bass Gas, Origin Energy Resources & Corrosion Risk Management 102	Three Year Observations of Corrosion Losses for Steels at a Severe Marine Atmospheric Site R Jeffrey & R E Melchers The University of Newcastle 039
14:45	Impressed Current Cathodic Protection Systems for Reinforced Concrete Marine Structures: An Anode for Tidal Range Applications P.A. Bundy & S.A. Ryder GHD Pty Ltd 107	Methods for the Determination of Ferrous- and Zinc-based Corrosion Rates in Aqueous Timber Preservatives Containing Copper G Kear, Hǎi-Zhèn Wú & M S. Jones Quest Reliability, Victoria University of Wellington & BRANZ Ltd 106	Coating Durability Prediction of Buried Structures & Pipelines N Adamson Altex Coatings Limited 032	Galvanizing Difficult Steels J Robinson Mount Townsend Solutions 029
15:15		Closing	Session	
15:45		Farewell Function Sponsored by the	Galvanizers Association of Australia	



Social Programme

Welcome Function

Museum of New Zealand - Te Papa Tongarewa, Wellington Sunday 16th November, 2008

Discover the history and culture of New Zealand, while sampling the best of Wellington's food and wine at the Te Papa Museum. Located on the stunning Wellington Harbour, the Museum is home to some of New Zealands greatest cultural treasures. Sponsored by Incospec & Associates, delegates will enjoy a cocktail function within one of the museums exhibits, as well as being treated to a traditional Maori cultural performance.

Exhibition Opening

Wellington Town Hall Monday 17th November, 2008

Visit with over 40 of Australasia's leading corrosion industry companies while networking with other delegates at the official opening of the C&P08 exhibition. Enjoy the entertainment while sipping on cocktails and canapes in the elegant heritage listed Town Hall Auditorium.

Gala Dinner and Awards

Duxton Hotel Ballroom Tuesday 18th November, 2008

Begin your night enjoying panoramic views of the harbour while sipping on cocktails in the Duxton Hotel Ballroom Foyer, before moving into the ballroom to sit down to a sumptious three course meal. Sponsored by Denso, the ACA will present awards to outstanding performers in the corrosion industry, before guests enjoy a performance by celebrated comedian Raybon Kan.

Farewell Function

Lion Harbourview Room, Wellington Convention Centre

Wednesday 19th November, 2008

Farewell delegates and friends while taking a last look at the dazzling Wellington Harbour. Sponsored by the Galvanizers Association of Australia, delegates can relax while enjoying cocktails and canapes, and reflect on being a part of one of the ACA's most successful conferences.

All function tickets are included in full delegate registration and full partner programme registration.



Partner Programme

There will be a partners' programme that will take participants into the hinterland around Wellington as well as to many of the city's impressive sights. Delegates may want to add on a ferry ride to their visit, to go to the world-famous Marlborough vineyard region on the other side of Cook Strait.

Monday: Tour the city of Wellington and its surrounds, taking in some of the sights and tourist attractions made famous by the movie Lord of the Rings

Tuesday: Visit a winery and enjoy wine tasting and a lunch while taking in the gorgeous scenery

Wednesday: Free day to explore Wellington at your leisure

The Destination

New Zealand is the youngest country on earth - the last major landmass to be discovered. It has a rich and fascinating history, reflecting both Maori and European heritage. New Zealand has a unique and dynamic culture and the culture of its indigenous Māori people affects the language, the arts, and even the accents of all New Zealanders. Their place in the South Pacific, and their love of the outdoors, sport, and the arts make New Zealanders and their culture unique in the world.

With vast open spaces filled with stunning rugged landscapes, gorgeous beaches, spectacular geothermal and volcanic activity, a temperate climate and fascinating animal and plant life, it's no surprise that New Zealand's pure natural environment is so attractive to visitors from other countries.

Wellington, the capital of New Zealand, is a compact city built at the edge of a magnificent natural Harbour. Wellington offers the cosmopolitan atmosphere of a large city, while still being close by many of New Zealand's most spectacular sights and scenery. Take a few days to explore the great outdoors and wander picturesque vineyards, or shop till you drop and sample the culinary delights that Wellington city is famous for.





Sponsorship

With more than 300 industry practitioners from around the globe expected to attend Corrosion & Prevention 2008, it is an ideal opportunity to promote your organisation, product or service. With 55 exhibition booths sold and over 500 delegates in attendance at the 2007 conference, the benefit of a visible presence at ACA events is undeniable. Corrosion & Prevention 2008 will be widely promoted not only within Australasia, but to our substantial international contacts as well.

Opportunities are limited so book early to avoid disappointment. Details can be obtained from the Conference Secretariat.

Exhibition

There will be over 40 exhibition booths available in the exhibition hall – so get in fast to secure your place. The trade exhibition is a great place to display your product or service to the many asset owners and decision makers who will be attending the conference. The exhibition will be open for the duration of the conference and is a great place to exchange views and opinions, as well as learning about the leading technology advancements and solutions currently available in the commercial marketplace.





Registration Form

Please register online at www.cmsl.co.nz/go/corrosion or send this form to: Corrosion & Prevention Conference at Convention Management Services Ltd, PO Box 121050, Henderson, Auckland, 0650, New Zealand Ph: +64 4 479 4162, Fax: +64 9 835 1539, email: dean@cmsl.co.nz

PART 1 - DELEGATE INFORMATION

Title:Eirst Name:				
Company:	•••••		••••••	
Position:				
Postal Address:			•••••	
	Post Code:	Country:		
Phone:		Fax:		
Phone:				
			••••••	

If you would **not** like your name included in the list of delegates provided to fellow delegates or to sponsors and exhibitors, please tick this box

PART 2 - REGISTRATION

FULL CONFERENCE REGISTRATION	PRICE (INC GST)	SUBTOTAL
Includes attendance to all sessions, lunches and refreshment breaks, a copy of the proceedings on CD ROM, entry to the exhibition hall as well as tickets for the Welcome function (Sunday night), Exhibition function (Monday night), Gala dinner (Tuesday night) and the Farewell function (Wednesday afternoon).	NZ \$1350	
DAY CONFERENCE REGISTRATION		
Includes attendance to all sessions, lunch and light refreshments and entry to the exhibition hall on the day of registration. Proceedings and tickets to functions must be purchased separately.	NZ \$450	
Monday, Tuesday or Wednesday (please circle)		
POSTGRADUATE STUDENT REGISTRATION		
Applies to full time postgraduate students only. Students will need to supply a letter from their University before registration can be confirmed. Includes entry to all technical sessions, as well as tickets to all functions.	NZ \$365	
UNDERGRADUATE STUDENT REGISTRATION		
Applies to full time undergraduate students only. Includes attendance to all sessions, as well as a ticket to the exhibition function. Students must provide a letter from their University, TAFE or Polytechnic before registration can be confirmed.	FREE	
PARTNER PROGRAMME Monday: Wellington city and surrounds tour Tuesday: Winery tour and lunch Wednesday: Free day to explore Wellington at your leisure INCLUDES TICKETS TO ALL FUNCTIONS	NZ \$ 450	

PART 3 - TECHNICAL PROCEEDINGS

TECHNICAL PROCEEDINGS	PRICE (INC GST)	SUBTOTAL
CD Rom Proceedings (Included in full registration)	NZ \$100	
Softbound Proceedings	NZ \$125	

PART 4 - SOCIAL FUNCTIONS

NOTE: FULL CONFERENCE REGISTRATION AND PARTNER PROGRAMME INCLUDES ALL FUNCTION TICKETS

ADDITIONAL FUNCTION TICKETS	PRICE (INC GST) SUBTOTAL
WELCOME FUNCTION Te Papa Museum, Cable Street, Wellington Sunday 16th November	NZ \$110
GALA DINNER Duxton Hotel, 170 Wakefield Street, Wellington Tuesday18th November	NZ \$130
FAREWELL FUNCTION Wellington Town Hall, 111 Wakefield Street, Wellington Wednesday19th November	NZ \$40

PART 5 - ACCOMMODATION BOOKINGS

Rates are in NZ\$ and are per room per night. Convention Management will take one nights deposit, with the remainder being payable directly to the hotel on departure. Prices include GST					
			PLEASE NUMBER 1 - 4 IN ORDER OF PREFERENCE		
Duxton Hotel	www.duxtonhotelwellington.com	\$220 per night			
Novotel Capital	www.accorhotels.co.nz	\$195 per night			
West Plaza Hotel	www.westplaza.co.nz	\$168.75 per night			
Just Hotel	www.justhotel.co.nz	\$135 per night			
Check In Date:		Check Out Date:			
I am sharing with:					
Smoking	Non Smoking	DEPOSIT	\$		

PART 6 - DISCOUNTS

DISCOUNTS APPLY TO FULL REGISTRATIONS ONLY & INCLUDE GST		
EARLY BIRD PAYMENT (BEFORE 31ST AUGUST 2008)	-NZ \$100	
ACA MEMBERSHIP DISCOUNT	-NZ \$100	
TECHNICAL PAPER PRESENTER -NZ \$100		
	TOTAL	\$

PART 7 - TOTAL

TOTAL INCLUDING ALL DISCOUNTS:

NZ\$.....

PART 8 - PAYMENT DETAILS

[]	Enclosed is my cheque / bank draft / purchase order made out in New Zealand dollars to "Corrosion &
Pre	vention 2008" OR

[] Please debit my [] MasterCard [] Visa [] Diners [] Amex
Card Number
Name on Card
Expiry Date
Amount to debit NZ\$

Terms & Conditions: Payments must be made prior to the conference unless approved by the ACA. ACA assumes no liability to participants, their employees or agent for any claim, loss, damage or expense arising from the conference. Registration cancellations will incur a NZ\$35 administration fee if made in writing 2 weeks prior to the seminar. Registration cancellations after this date will not be refunded. Name changes are allowable. Accommodation deposits are only refundable at the discretion of the venue.

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ACA Centre PO Box 112, Kerrimuir, Victoria, 3129, Australia Phone: +61 3 9890 4833 Fax: +61 3 9890 7866 Email: conference@corrosion.com.au

Registration & Accommodation Enquiries

Please register online at www.cmsl.co.nz/go/corrosion or contact: Dean Bradley at Convention Management Services Ltd, PO Box 121050, Henderson, Auckland, 0650, New Zealand Ph: +64 4 479 4162, Fax: +64 9 835 1539, email: dean@cmsl.co.nz

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