

2020 MATERIALS AND MAINTENANCE ADVANCEMENTS IN THE SOUTH WEST



BUNBURY, OCTOBER 22ND, 2020
THE DOLPHIN DISCOVERY CENTRE
 LOT 556, KOOMBANA DRIVE, BUNBURY
 7:00AM – 5:00PM (Including Site Visit to Geographe)

REGIONAL TECHNICAL SEMINAR SERIES



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TECHNICAL SEMINAR DETAILS – THURSDAY 22ND OCTOBER 2020

Following the successful inaugural event in 2018, the WA Branch of Materials Australia (the Materials Society of Engineers Australia) and the AINDT are proud to be hosting this event for the second time in Bunbury after many delegates indicated that they would like to attend future events in the region.

This regional technical seminar represents recent and relevant advancements in materials and maintenance practices in various industries active in the South West of Western Australia.

The successful application of materials and maintenance programs to plant and equipment is critical to the optimisation of an asset life cycle. The life extension of mining, processing and infrastructure assets is critical in the current industry environment. Within this, the performance of materials during more and more extended maintenance periods is a major component. Maintenance based technologies continue to evolve and their interplay with advanced materials will be presented and discussed. This is a great opportunity to learn from real case studies from industry and to hear from a number of West Australian and local experts in their field at this exclusive event.

KEYNOTE SPEAKER DR PETER FARINHA PRINCIPAL, EXTRIN CORROSION CONSULTANTS

As a specialist corrosion engineer, holding both a MSc and PhD in Corrosion Science & Engineering, Dr. Peter Farinha has been involved in identification and problem solving of corrosion related issues in steel corrosion and reinforced concrete, including inspection, identification, failure analysis, materials selections, coatings, specification and repair methodology for over 30 years. He is a Specialist in Microbiological Corrosion, heavily involved in ALWC and he has published broadly.

GOLF DAY – WED 21ST OCTOBER MERCURE SANCTUARY GOLF RESORT

The seminar will be preceded by a Golf Day at the Mercure Sanctuary Golf Resort. Tee off will be at 1:00 pm, Ambrose rules will apply. You can register as an individual (and be allocated onto a team) or as a team of four.

The costs will be: \$80 per person or \$320 for team of four. This cost includes 9 holes, a Golf Cart shared between 2 people and a BBQ Dinner at the venue.

Please contact Colm Kinsella on Colm.Kinsella@Olympus.com.au or register yourself or your team at [Trybooking](https://www.trybooking.com).

To stay overnight at the venue contact Mercure Sanctuary Resort on (08) 9725 2777.



REGIONAL TECHNICAL SEMINAR SERIES

SPONSORSHIP

Various opportunities are available for sponsorship with three levels: Bronze \$500, Silver \$1200 and Gold \$1750.

Please contact:

Paul Howard on 0407 711 008 or paulh@gerard-daniels.com or
Paul Huggett on 0411 868 289 or paul.huggett@applusrtd.com to discuss.

SITE VISIT – GEOGRAPHE 57 CRAIGIE STREET, DAVENPORT

The seminar will be followed by a Plant Visit to the Geographe facilities in Bunbury. Delegates will be transported by bus from the Dolphin Discovery Centre to the Geographe facilities at 2:30pm returning at 4pm.

Geographe have recently commissioned three new manufacturing cells and facilities that they will be able to demonstrate on the day.



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PROVISIONAL TECHNICAL PROGRAMME

7:00 – 7:30	REGISTRATION AND COFFEE
7:30 – 9:00	<p>WELCOME, BREAKFAST and OPENING PRESENTATION</p> <p>MARK SEAWARD Chief Executive, Bunbury Geographe Chamber of Commerce & Industry</p> <p>GUEST SPEAKER (TBC)</p> <p>KEYNOTE SPEAKERS: DR PETER FARINHA Principal, Extrin Corrosion Consultants and</p> <p>GILES HARRISON, Technical Manager. <i>"Understanding stainless steel corrosion; always a surprise!!"</i></p>
9:00 – 9:25	<p>TREVOR OVERTON General Manager, Austral Technologies</p> <p><i>"Impact, Abrasion and Corrosion Resistant Microcomposite and Amorphous Alloy SPOTX Hardfacing: A discussion on the concept, design and implementation."</i></p>
9:25 – 9:50	<p>KATERINA LEPKOVA Senior Research Fellow, Curtin Corrosion Centre</p> <p><i>"Corrosion Management: Towards Effective Corrosion Mitigation Strategies"</i></p>
9:50 – 10:15	<p>REUBEN BARNES Managing Director, Papworths Construction Testing Equipment (PCTE)</p> <p><i>"An Overview of NDT Field Techniques for Concrete Assets"</i></p>
10:15 – 10:25	<p>DR PAUL HUGGETT Materials Manager, Applus</p> <p><i>"Development of 3D Reporting for Materials Failure Analysis Investigations"</i></p>
10:30 – 11:00	MORNING TEA
11:00 – 11:25	<p>STEPHEN HOOPER Operations Manager and</p> <p>WARREN AIRD Product Manager (Pumps & Valves) Hofmann Engineering</p> <p><i>"The Hofmann Engineering Process for Improving Field Service Life and Extending Maintenance Intervals of Critical Components – Three Case Studies"</i></p>
11:25 – 11:50	<p>DEAN MASON Sales Manager, Eddyfi Technologies</p> <p><i>"Spyne Tool for Pipeline Integrity"</i></p>
11:50 – 12:15	<p>JOHN McCracken Materials Manager, ACE Ceramics</p> <p><i>"Title TBC"</i></p>
12:15 – 12:30	Platinum Sponsor Overview Presentation – VERTECH GROUP
12:30 – 1:15	LUNCH
1:15 – 1:40	<p>LOUISE PETRICK Senior Welding Engineer, Weld Australia</p> <p><i>"AS 3992:2020 - How harmonisation affected welder, procedure and repair qualifications"</i></p>
1:40 – 2:05	<p>TYRON KIMBLE Senior Integrity Engineer, Sonomatic Australia</p> <p><i>"Non-Intrusive Inspection for Process Pressure Equipment"</i></p>
2:05 – 2:30	<p>RICK HUGHES Managing Director and Principal Consultant, MicroAnalysis Australia</p> <p><i>"DG Testing and Compliance of Materials"</i></p>
2:30 – 2:40	TRANSFER TO GEOGRAPHE – get picked up by bus at the DDC.
2:45 – 3:45	PLANT TOUR GEOGRAPHE
4:00 – 5:00	Return to Dolphin Discovery Centre, NETWORKING DRINKS

A PROMOTIONAL FLYER, REGISTRATION DETAILS AND THE LATEST CONFERENCE INFORMATION CAN BE FOUND ON THE MATERIALS AUSTRALIA WEB SITE. [CLICK HERE.](#)



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SEMINAR & PLANT TOUR REGISTRATION

Thursday 22nd October 2020.

Dolphin Discovery Centre, Koombana Drive, Bunbury

Full registration includes breakfast, morning tea & lunch, networking drinks and seminar proceedings and participation in the Plant Tour at Geographe. You can choose not to attend the breakfast and/or the plant tour, but both are highly recommended.

Name:

Company:

Postal Address:

Suburb:..... Postcode:.....

Email:..... Telephone:



REGISTRATION TYPE & REGISTRATION FEE

Golf Day 21st October 2020

- \$80 incl. GST individual
- \$320 incl. GST for group of 4

Option 1: Seminar – Breakfast Only (Including Keynote Speaker Presentation)

- \$65 (incl. GST) AINDT, EA or MA Member
- \$75 (incl. GST) Non-Member

Option 2: Seminar – Including Breakfast and Networking Drinks

- \$350 (incl. GST) AINDT, EA or MA Member
- \$500 (incl. GST) Non-Member

Option 3: Seminar Only (No Breakfast)

- \$300 (incl. GST) AINDT, EA or MA Member
- \$450 (incl. GST) Non-Member

Option 4: Seminar and MA Membership* – Including breakfast and Networking Drinks

- \$650 (incl. GST) Non-Member

Option 5: Plant Visit to Geographe (Registrants only)

- Seminar Registrants Only

No cost. Included in the cost of options above, however, registrants must notify intention to attend plant tour.

* **Note: Annual MA Membership is \$240, registrants are encouraged to take advantage of this opportunity.**

Please visit www.materialsaustralia.com.au



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PAYMENT

I wish to pay a total of \$

Payment can be made by Credit Card via Trybooking (a small booking fee will apply), or direct to MA.

For Group bookings please e-mail list of all delegates to Materials Australia.

Please register at: <https://www.trybooking.com/BJUQS> (for the MAMAS 2020 Seminar) or <https://www.trybooking.com/BKAVP> (for the Golf Day).

Name on Card:

Card Number:

Expiry: CCV:

Signature:

Please e-mail this booking form (regardless of payment method) and any other correspondence to:

MAMAS 2020 Seminar Convenor, Materials Australia WA Branch
at email: paulh@gerard-daniels.com

NB: CANCELLATIONS A cancellation fee of \$50 applies until 8th October 2020 for the seminar. No refund will be given for subsequent cancellations. Only written cancellations will be accepted. Substitutions may be made at any time. This seminar is subject to cancellation if sufficient attendees are not obtained. Official notification will be given to participants 7 days prior to the scheduled date and Materials Australia will refund fees received.

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