



**THE AUSTRALASIAN
CORROSION
ASSOCIATION INC.**

TECHNICAL PRESENTATION

Subject: Antifouling Coatings in a Marine Environment

Presenter: Dr Andrew Scardino

Date: 26th September 2018, 6:30 pm – 8:00 pm

Location: University of Adelaide Engineering Maths Room EM205 (map attached)

This free presentation is open to all and is being held as a joint venture between the Royal Institution of Naval Architects and the Australian Corrosion Association Inc. The event is an opportunity to contribute 1 hour towards your Continued Professional Development.

Dr Scardino will present on the following subjects:

- The benefits and reasons for antifouling
- A history of antifouling
- Types of antifouling/ foul release coatings
- Protocols governing antifouling
- Current technology
- Future developments in antifouling

Biography - Dr Andrew J Scardino

Dr Scardino is the Discipline Leader in Underwater Coatings within the Maritime Division of the Defence Science & Technology Group. He commenced work with DST Group in 2006 after completing his PhD on Biomimetic Fouling Control Mechanisms from James Cook University and his undergraduate degree from the Centre for Marine Biofouling & Bioinnovation, UNSW. Dr Scardino investigates novel fouling control technologies for the Royal Australian Navy. He collaborates with many university researchers both domestically and internationally. His primary research interests are biomimetic fouling control, ship hull penalties and fouling related signatures, surface roughness and larval behaviour. He is a former President of the Victorian Marine Science Association and Chair of the Permanent International Committee for Research on the Preservation of Materials in the Marine Environment (COIPM). Dr Scardino received the 2009 DSTO Research Excellence Award. He has recently returned from a Defence Science Fellowship where he was working under the US-Australia Scientists & Engineers Exchange Programme for 12 months at the Naval Surface Warfare Center Carderock, USA.



The Royal Institution of
Naval Architects

The Royal Institution of Naval Architects is an international professional institution and learned society founded in 1860 to advance the art and science of ship design.

The South Australian and Northern Territory Section is made up of members from academia, the commercial industry and defence.



Who We Are

The ACA is a not-for-profit, membership Association which disseminates information on corrosion and its prevention or control by providing training, seminars, conferences, publications and other activities.

Vision

Corrosion is managed sustainably and cost effectively to ensure the health and safety of the community and protection of the environment.

Mission

Assisting society to manage the impact of corrosion on asset durability.

Directions to Room - EM205, EM213 & EM218

(Engineering North Building – Level 1)

1. Walk down the side of Bonython Hall toward the back of the building
2. Behind the building, go down the small flight of steps, then down the flight of steps that runs along the rectangle of grass
3. Straight ahead and to your left you will come to another set of steps going down
4. Go down these and walk ahead
5. You will see a red brick building on your right, set on an angle
6. Turn right and walk down alongside this building
7. Three quarters of the way down you will come to a door with the sign 'Faculty of Engineering, Computer and Maths Sciences' over it
8. Enter the Engineering Maths building, on your left, either:
 - use the lift to go up to **Level 1**, or
 - go up the flight of stairs to **Level 1**
9. Turn right when you exit the lift
10. Go through the open double doors and turn left, go up the flight of steps
11. Go down the corridor and '**Room EM218**' is on the right halfway down the corridor
12. Continue to the end of the corridor and turn right.
The first room on your left will be '**Room EM205**'
The first room on your right will be '**Room EM213**'

(See map on right)

Map to Engineering North Building



NORTH TERRACE