

LOCATION :

**Thunder Bay Grille
N14W24130 Tower
Place
Pewaukee, WI 53072**

TUESDAY, MARCH 12 2024**TIME**

**5:30 - SOCIAL
6:00 - DINNER
7:00 - PROGRAM**

COST

**\$ 30 - MEMBER
\$ 35 - NONMEMBER
\$ 15 - LIFE MEMBER
FREE - STUDENT/MEMBER
BETWEEN JOBS***

*** PLEASE REGISTER****REGISTER
HERE****ABSTRACT**

**Assessing the Corrosion Resistance of
Aluminum Alloys in Real World Marine
Environments**

This talk will cover topics ranging from aluminum alloy selection, forms of corrosion in aluminum alloys, aluminum alloy coatings protection and corrosion testing of aluminum alloys. There will be discussion on the methodologies for coating aluminum alloys in preparation for marine exposure and the use of laboratory and real-world exposure testing to validate corrosion performance of Mercury Marine's products.

Experimental testing results of pre-treatment alternatives and alloy content on the corrosion performance of aluminum alloys will also be discussed.



**Special thanks to Gasbarre for sponsoring
this month's meeting**

PRESENTER:
**Christopher
Misorski****Mercury Marine
ASM International
Trustee**

Mr. Misorski's industrial background experience includes the areas of die casting, aluminum casting operations, investment casting of stainless steel, steel rolled products, iron foundry products, aerospace forgings, heat treating and marine engines/propulsion systems. Mr. Misorski is presently a Technical Fellow - Materials Science with Mercury Marine.

His areas of expertise include corrosion protection, coating system design and testing, failure analysis and material selection/processing. Mr. Misorski holds 15 U.S. patents in the areas of biofouling prevention, unique materials usage/processing and product designs.