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TMS 2018
147th Annual Meeting & Exhibition

MARCH 11 – 15, 2018
PHOENIX, ARIZONA

SUBMIT AN ABSTRACT TO:

CORROSION

SURFACE ENGINEERING FOR IMPROVED CORROSION RESISTANCE

Corrosion is a surface phenomenon and surface engineering plays an important role in corrosion prevention and mitigation by optimizing surface properties. Coatings, surface alloying, gradient structures, and inhibitors are some of the examples of improving corrosion performance by controlling surface properties.

The focus of this symposium is to capture recent advancements in surface engineering for corrosion prevention. New technologies to study the corrosion phenomenon of surfaces and induce novel surfaces properties are of particular interest.

Symposium topics will include:

- Coatings
- Inhibitors
- Surface Alloying
- SMAT
- Laser, plasma, mechanical processing of the surfaces
- Nanostructured surfaces
- Characterization techniques
- Biomaterials
- High-temperature coatings

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ABSTRACT DEADLINE IS JULY 1, 2017. SUBMIT ONLINE AT www.programmaster.org/TMS2018.

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