

Preliminary program is available on the conference website: www.naceitalia.it/genoa2018

The **Coating Technology** section is chaired by Roberto Malfanti (IMC engineering), Sergio Volonté (Tecnimont) and Alejandro Expósito (Optimiza).

The **Failure in Transportation & Power** session is chaired by Stefano Trasatti (Milan University) and Alan Turnbull (NPL). The **Inhibitors & Monitoring** session is chaired by Stefano Trasatti (Milan University) and Faisal Al-Mutahhar (Aramco).

Coating Technology

The coating technology sessions will deal with different topics, having a common denominator: development of coating materials. Two presentations will be focused on the EIS, a new interesting test to augment coating assessment; the always "new" Corrosion Under Insulation (CUI) will be subject of two presentations, one illustrating a new technology and the other addressed to the maintenance. New coating materials for vessels' lining, technical solution for a self-disinfecting lining and coating formulated with the specific scope to be applied on surfaces cleaned by water-jetting are other interesting and innovative presentations.



Roberto Malfanti



Alejandro Expósito

Presentations on sealer for TSA, on standard for Passive Fire Protection and to describe how the insulation coating are applied, will complete the session.

Pipeline Coating

Coating systems and application procedures for pipelines are consolidated since many years. However, there are always concerns about the application of the coating, both inside and outside, and mainly for the execution of field joints.

The presentations of the session cover different aspects of the pipeline coating: case history, analysis of data for coating integrity assessment, accelerated ageing of rehabilitation, different coating technologies, research on non-shielding coatings.



Sergio Volonté

Failure in Transportation & Power

Root cause analysis is the succession of activities with the aim at determining the causes of a component failure while in operation. In the oil & gas industry, failures are often linked to corrosion related phenomena among which environmentally assisted cracking (EAC) has become a significant limit for the lifetime of structural materials in severe environments. This session



Stefano Trasatti

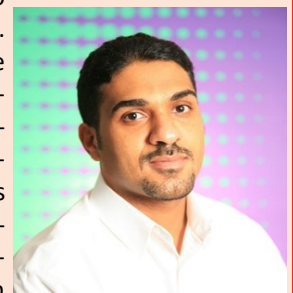


Alan Turnbull

will provide the audience with the latest inspection and control techniques to effectively monitor plant component degradation, thus reducing risks of failure. Several presentations on failure of different process plant components will be presented and duly discussed.

Inhibitors & Monitor

Corrosion inhibitors are chemical products that can be added to a process fluid to prevent corrosion or to lower degradation rate of the metallic component. Inhibitors has great acceptance in the industry due to affordable costs and practical use. However, recent researches have been conducted showing that corrosion inhibitors could have secondary effects leading to possible environmental pollution. This has moved to the search for environmentally friendly inhibitors and several presentations of this session will discuss results from field applications of innovative biodegradable compounds. Other topics are lab testing and monitoring of corrosion inhibitor efficacy over time.



Faisal Al-Mutahhar

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