

“Microbial corrosion and biofouling issues in marine environments”

WP9+WP10 joint session

In a natural marine environment, the corrosion process of metals and alloys always involves the influence of microorganisms and macroorganisms that quickly colonize immersed surfaces. A thick and complex biofouling dynamically evolves affecting the performance of technological materials. This forces antifouling countermeasures which constitute relevant environmental and economic costs for the marine sector. The joint session “Microbial corrosion and biofouling issues in marine environments” gathers papers that report studies addressed to document, understand, and prevent microbially influenced corrosion (MIC) processes in marine environments and related antifouling/anticorrosion strategies.