

Abstract

Overview of corrosion research at DTU and use of material characterization methods including large scale facilities

Our research focuses on several corrosion issues related to Carbon Capture and Storage, Recycled light aluminium alloys, materials used in electrolysis systems, and corrosion reliability of issues of electronics devices. In all our work, we investigate relation between material microstructure and corrosion issues focusing on the nano to macro scale effects from metal/alloy surfaces to multi-material electronic devices. Several characterization methods are employed for these investigations including large scale synchrotron facilities. This talk will provide an overview of our activities related to different areas as well as how various characterization methods are used.

Zoom: <https://syddanskuni.zoom.us/j/62872256980?from=addon>

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