

# **Engineering Practice of Anti-corrosion Design Methodology for Full-life Cycle Oriented Railway Vehicles**

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Corrosion is one of the important factors affecting the safety and durability of train operation. The presentation will analyze the development history of rail vehicles, operating environmental conditions, threats and challenges brought by corrosion, propose key approaches for corrosion control, and finally introduce several cases in engineering application practice, including simulation, monitoring and repairing.