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Altri autori (Persone)	ThierryD (Dominique)
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Nota di contenuto	An updated portrait of the sulfidogenic bacteria potentially involved in the microbial corrosion of steel / M. Magot, C. Tardy-Jacquenod and J.-L. Crolet -- Microbial corrosion of carbon steel by sulfate-reducing bacteria : electrochemical and mechanistic approach / L.V. Nielsen and L.R. Hilbert -- A search for the risk factors involved in the carbon steel corrosion induced by sulfidogenic bacteria / X. Campaignolle, D. Festy and J.-L. Crolet -- Correlation between marine biofilm structure and corrosion behaviour of stainless steels in sea water / V. Scotto and M.E. Lai -- On oxygen reduction depolarisation induced by biofilm growth on stainless steels in seawater / A. Mollica, E. Traverso and D. Thierry -- Characterisation of biofilm formed in sea water by mass transport analysis / E. L'Hostis, B. Tribollet and D. Festy -- Biofilms analysis of different steels immersed in ground water / F. Feugeas, G. Ehret and A. Cornet -- Evaluation of electrochemical noise analysis as an on-line monitoring tool to distinguish between biofilm-associated localised corrosion and oxygen corrosion / T. Whitham and S. Huizinga -- Influence of micro-organisms on the free corrosion potentials of stainless steels in natural sea water / D. Feron, I. Dupont and G. Novel -- Laboratory simulation with natural bacteria populations / L. Carpen ... [et al.] -- Influence of metal surface condition on microbiologically

	influenced corrosion of stainless steels / Z.G. Chen ... [et al.] -- Microbial corrosion prevention in ENEL power plants / P. Cristiani and G. Bianchi.
Sommario/riassunto	This volume contains 11 chapters representing reports made in the MIC session at EUROCORR '96 together with a paper from the Working Party on the economics of MIC in relation to power station performance. Much attention is given to the currently important subject of biofilms, particularly on stainless steel in seawater. There are descriptions of the characterisation of biofilms and their effects. The volume concludes with an account of biological effects in power stations, the economic implications and prevention methods.