

Innovative Fusion for Pipeline Corrosion Detection: Fiber Optic Sensing, Physics-Based Modeling, and Deep Learning Pengdi Zhang¹, Khurram Naeem¹, Enrico Sarcinelli¹, Abhishek Venketeswaran², Sandeep R. Bukka², Ruishu F. Wright², Nageswara Lalam², Paul Ohodnicki¹ ¹Department of Mechanical Engineering and Materials Science, University of Pittsburgh ²National Energy Technology Laboratory, 626 Cochrans Mill Road, Pittsburgh, PA, USA 15236





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