

Overview of Fiber Optic Sensors R&D: Interrogation Systems and their Applications <u>Khurram Naeem¹</u>, Tulika Khanikar¹, Yang Duan Su¹, Dolendra Karki¹, Pengdi Zhang¹, Enrico Sarcinelli¹ and Paul Ohodnicki^{1,2}

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1. Fiber Optic (FO) Sensors for Infrastructure Monitoring

- Explosion- and electrical-proof







- Identify and Classify the events and objects; ML/AI
- Ability to simultaneously monitor: Acoustic, Vibration, Temperature and Strain









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