

PUBLISHED PAPER

Journal: Journal of Sensors

Paper: Brillouin Distributed Fiber Sensors: an overview and applications

AUTHORS: C.A. Galán-dez-Jamioy, José Miguel López-Higuera

Abstract: A review focused on real world applications of Brillouin distributed fiber sensors is presented in this paper. After a brief overview of the theoretical principles, some works to face the two main technical challenges (large dynamic range and higher spatial resolution) are commented. Then an overview of some real and on-field applications is done.