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Paper: Quasi distributed hybrid Brillouin fiber laser sensor system
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Abtracts: A hybrid quasi distributed sensing system combining point fiber Bragg gratings and long integral Brillouin scattering transducers is presented. It is able to measure global temperature changes along the sensing line as well as punctual changes at the critical locations of the structure. A 20 Km proof-of-concept system has been experimentally demostrated with a temperature resolution of 0.47 ºC