

Abstract

ATh4E.1 16:00 Invited

“Mid-infrared Semiconductor Laser Based Trace Gas Sensor Technologies: Recent Advances and Applications”, F.K. Tittel, R. Lewicki, M. Jahjah, Y. Ma, P. Stefanski.

Recent advances in the development of ultra-sensitive sensor technology based on mid-infrared semiconductor lasers for the detection of trace gas species and their application in industrial process control and environmental monitoring will be reported.