



Contribution ID: 268

Type: **Talk (preferred)**

Laser Written Carbonised Porous Silicon Waveguides for Optical Sensor Applications

Monday 12 December 2022 11:45 (15 minutes)

Demonstrating the first positive-patterning process for creating passivated waveguides in porous silicon films using laser writing in a controllable atmosphere to retain an open pore structure suitable for highly sensitive optical sensor applications.

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Session Classification: Australian and New Zealand Conference on Optics and Photonics

Track Classification: ANZCOP: ANZCOP: Optical sensors