24th Australian Institute of Physics Congress



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Polarization Maintaining Anti-Resonant Hollow Core Fiber

Tuesday 13 December 2022 14:30 (30 minutes)

We summarize our recent results on design, fabrication and characterization of polarization maintaining antiresonant hollow core fiber. Loss of 5.6 dB/km and phase birefringence of 1.8×10^{-5} is achieved.

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Presenter: WANG, Yingying (Institute of Photonics Technology, Jinan University, Guangzhou, China)Session Classification: 7th International Workshop on Speciality Optical Fibres

Track Classification: WSOF: WSOF: Photonic crystal, microstructured, and hollow core fibers