

**On the Possibility of Structural Characterisation of Hollow
Core Fibres using Whispering Gallery Modes Excited by Laser
and Broadband Light**

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Side-excitation of whispering gallery modes in photonic crystal fibres/preforms facilitates manifestation of resonant spectrally-banded scattering and couples light directly into the fibre internal capillary structure, therefore enabling dimensional/symmetry characterisation of that structure.