

Prof James Hough FRS, Associate Director, Institute for Gravitational Research, and Professor of Experimental Physics, University of Glasgow



High precision laser interferometry and ultra-low loss mechanical systems for the detection of gravitational waves from violent events in the Universe. Research has ranged from frequency and amplitude stabilisation of argon, Nd:YAG and dye lasers to the construction of quasi-monolithic silica pendulum systems. Jim is just standing down as UK PI of the GEO 600 detector in Germany and is Co-PI on an STFC grant to play a major contribution in upgrading the US LIGO gravitational wave detector system. Currently he is chair of the Gravitational Wave International Committee, GWIC, chairs the Education and Training and Fellowship committees for STFC and chairs the selection panel for SU2 entrepreneurial fellowships.

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Work Groups

Biophotonics	<input type="checkbox"/>
Integrated Photonics	<input checked="" type="checkbox"/>
Solar Cell Devices	<input type="checkbox"/>
Solid State laser Engineering	<input checked="" type="checkbox"/>
Photonic Sensors	<input checked="" type="checkbox"/>