

## Ian Galbraith, Professor of Physics and Director of Research



The overall aim of my research is to understand the fundamental processes and interactions which influence the behaviour of semiconductor material used in current and new photonic devices. This involves formulating tractable quantum mechanical models for both inorganic and organic(polymer) semiconductors and a necessary close collaboration with experimental colleagues within Scotland and beyond.

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### URL

<http://www.phy.hw.ac.uk/resrev/SemiTheory.htm>

### Work Groups

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

