

Dr Tom Brown, Senior Lecturer in Biophotonics



The development and use of ultrashort pulse laser systems. The use of lasers within biology and medicine including using femtosecond lasers for optical transfection and uncaging. The use of novel beam geometries for alignment free applications. Developing new lasers systems which can be operated and maintained over the internet and short pulse laser systems at wavelengths from the visible to the mid-IR.

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Work Groups

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