

Alan Kemp Research Team Leader



Alan Kemp's work concentrates on the physics and engineering of compact solid-state lasers, in particular the use of diamond for thermal management in microchip and disk lasers, using both doped-dielectric and semiconductor gain media. In addition, he is interested in the use of novel pump sources to reduce the cost of high performance lasers. More recently, he has started to work on further applications of diamond in solid-state laser engineering – in particular Raman lasers – and on the thermal management of high performance 2-5 μ m lasers for sensor applications.

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Work Groups

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