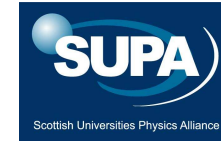


We are part of -



We are part of -



We do research, with industry.

Solid state laser engineering, semiconductor devices, micro LED arrays, materials growth and processing and a wide range of photonic and biophotonic applications

Mechanisms:

TSB, EU, consultancy, contract or collaborative research, students, etc...

Technologist- due to start soon

P⁴- Pump Primed Photonics Projects. Up to £5,000 to get things moving.

Join our Industrial Membership Programme:

Honeywell



COHERENT THALES

**POINT
SOURCE**

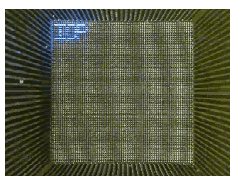
AstraZeneca
INTERNATIONAL

Laser research interests include:

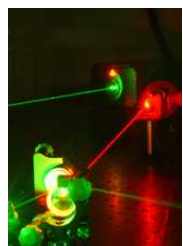
- VECSELS / Semiconductor thin disk lasers, from UV to mid-IR. (5W at 2.2microns,latest result)
- Adaptive Optics (eg intra-cavity)
- Thermal management of lasers
- LED pumping of lasers
- Applications include- sensing, comm.s, displays, bio-imaging etc

Materials interests include:

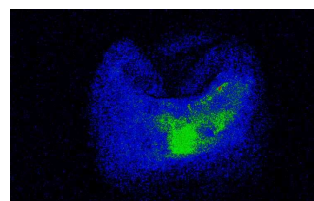
- Design, growth and fabrication of III-V lasers and LEDs
- Processing of materials from polymers to diamond (eg micro-lens arrays, waveguides etc)



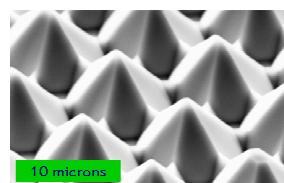
World leading microLED arrays, 12,000 LEDs in 2mm²



World's first room temperature red VECSEL laser



Novel dental imaging



Growth of Quantum dot structures