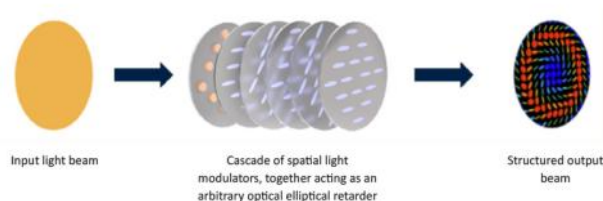


Universal optical modulator

Novel cascade of multiple optical modulators to create a single universal light modulator.

An optical platform formed of a series of cascaded modulators to create structured light beams suitable for a wide range of uses.

Applications: Optical probe, beam generator, beam analyser, beam corrector, metrology, clinical diagnosis



Features	Benefits
A series of spatial light modulators that cascade input light sequentially through each modulator	The modifications from each SLM together allow for stable (i.e. permanent) adjustment of the wavefront previously not possible
The cascade is scalable	So the number of SLMs, each providing it's own modification, can be 2, 3, 4 etc – each time creating a more complex wavefront topography, intended for a different purpose – this makes the technology suitable for a wide range of uses
SLMs allow variation at an individual pixel level	This gives a very high level of precision for any of the possible applications

Awaiting patent and Available for

- Co-development

- Consulting
 - Licensing
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To find out more, contact enquiries@innovation.ox.ac.uk and quote the project number.

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