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Tunable Optical Metasurfaces with Amplitude and Phase Reconfigurability

Wednesday 14 December 2022 11:00 (30 minutes)

Optical metasurfaces are driving the future of miniaturised optical technologies for dynamically reconfigurable optics. Here, I will present our recent advances in reconfigurable optical metasurfaces, including liquid crystal-tunable metasurfaces for phase modulation and electrically-programmable thermo-optical metasurfaces for fast transmission modulation.

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