

Webinar

Paradigms for nanophotonics – materials to metamaterials

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Interaction of light with matter underpins the functioning of numerous optical technologies. Nanophotonics is a relatively new area of research that deals with confining light to the nanoscale with the aim to enhance light-matter interactions. It has strong potential to enable superior new functionalities in photonic devices, working both in the classical and quantum regimes. I will talk about my work in nanophotonics covering various material platforms including phase change materials, topological insulators as well as artificially engineered photonic nanostructures derived from them called metamaterials.

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04:00 PM