



Colloquium Notice

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The structure of light: tailoring and measuring intensity, phase and polarization

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In this talk I will describe some theoretical aspects of the degrees of freedom of light fields such as amplitude, phase, coherence and polarization. The description of these properties often employs geometric representations that highlight not only their properties but also their analogies with other physical phenomena. I will also present several experimental techniques based on these theoretical methods, for applications such as multicore fiber endoscopes, beam shaping, and superresolution fluorescence microscopy.
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Monday
November 1, 2021
Starts at **12:15 pm**
zoom