



Alfred Zong

Acting Assistant Professor, Physics

Bio

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I will be joining the Physics and Applied Physics departments as an assistant professor in September 2024, where my group focuses on the study of light-induced non-equilibrium phenomena in quantum materials. To capture the ultrafast dynamics on the nanoscale, we develop a variety of techniques such as ultrafast electron diffraction and microscopy, attosecond transient absorption spectroscopy, and coherent diffraction imaging. These time-resolved probes are integrated with a complex sample environment such as in-situ strain and electrostatic gating in order to design, discover, and understand non-equilibrium phases of quantum materials.

We are seeking motivated undergraduates, graduate students, and postdocs to join the group. Please email me directly to discuss opportunities.

For more details, check out the group website at <https://zonglab.stanford.edu/>