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ACCELERATING AI THROUGH PHOTONIC COMPUTING AND COMMUNICATION

ABSTRACT

Lightmatter is combining electronics, photonics, and new algorithms to create the next-gen compute platform. In this talk, I will introduce two of our technologies: Passage and Enviser. Passage is a wafer-scale programmable photonic interconnect that uses silicon waveguides to enable chips to communicate with unprecedented bandwidth. Enviser is the world's first major photonic processor for accelerating ML.

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3:30 PM

LECTURE HALL

