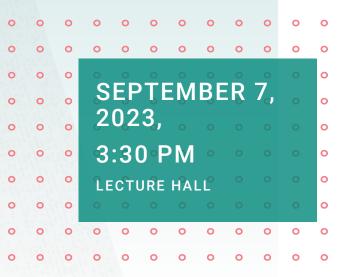


DARIUS BUNANDAR LIGHTMATTER, BOSTON, MA, USA

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 Envise. Passage is a wafer-scale programmable photonic interconnect that uses silicon waveguides to enable chips to communicate with unprecedented bandwidth. Envise is the world's first major photonic processor for accelerating ML.





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