

Self-Supervised Multi-Modal World Model *with* 4D Space-Time Embedding

Lance Legel ^{*,1,2} Qin Huang ³ Brandon Voelker ⁴ Daniel Neamati ⁵ Jeff Rose ⁶ Patrick Alan Johnson ⁷
Favyen Bastani ⁷ James Hennessy ⁸ Robert Guralnick ² Douglas Soltis ² Pamela Soltis ² Shaowen Wang ^{9,10}

¹ Ecological Intelligence, Inc. ² University of Florida ³ Arizona State University ⁴ University of Houston ⁵ Stanford University ⁶ SpatialLogic.com
⁷ Allen Institute for AI ⁸ Georgia Institute of Technology ⁹ University of Illinois Urbana-Champaign ¹⁰ NSF I-GUIDE * lance@ecodash.ai

