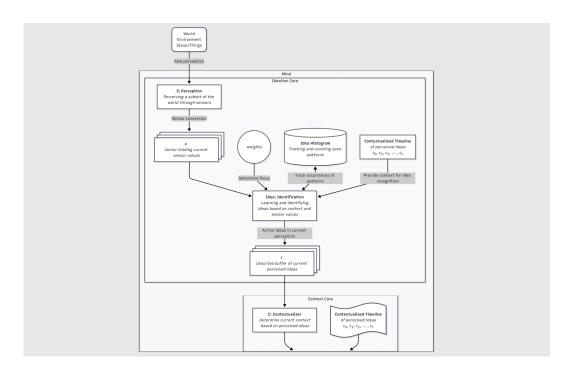


Institute of Embedded Systems

## **Artificial Perception Reimagined:** A Berkeley-Inspired AI Perception **Framework**



- A Novel Self-Contained Empiricist Architecture: Heuristic Observation, Learning, and Discovery (HOLD) Framework
- · Autonomous Hierarchical Learning: Complex, multilayered understanding
- High Abstraction & Predictive Capabilities: From sensory ideas to temporal world models
- Complementary to State-of-the-Art ML Solutions: Not designed to replace but to encompass
- Regulatory-Compliant Accountability: Addressing the demand for accountable, traceable, and transparent Al

