

## **Verification 2.0 - Multi Engine, Multi-Run - AI-Driven Verification**

As AI and ML capabilities continue to mature and grow, an opportunity has arisen to leverage these technologies to address the massive, and exponentially growing, challenge of pre-silicon verification. Our ability to integrate and abstract is approaching the point of outpacing our ability to comprehend and verify, resulting in longer and longer turn around times for test suite execution, debug, coverage closure. In this presentation we will discuss some of the near term opportunities for applying AI and ML pragmatically to verification problems, as well as present potential future directions for AI and ML in this area.

*Speaker - Matt Graham, Cadence*