

## **From Machine Learning to Machine Education**

Machine learning focuses on algorithms and architectures to enable machines to improve performance from experience. Machine teaching focuses on the design of the experience required by a machine to learn. Machine education is concerned with pedagogical design of the processes to empower an AI-enabled system with the experiences and learning processes to design ethical, responsible, and safe smart autonomous systems. This talk will present on machine education and the pedagogical design of smart autonomous systems. Examples will be provided using neural-network-based machine education case studies.