

**Application of Smart Factory Design in Nuclear Energy Industry with Focus on Safety**

**Engagement & Service-Learning Summit**

**Olivia Crasta**

**Cem Yilmaz**

**Shihan Zhang**

## **Abstract**

The purpose of this poster presentation is to demonstrate an innovative application of Smart Factory Design in the field of Nuclear Energy, in order to improve safety. The Nuclear Energy Industry is a unique candidate for this approach, in safety concerns are a limiting factor in day-to-day operations. We propose to utilize key ideas of Human-Centric design within these systems, not with a focus on consumer needs