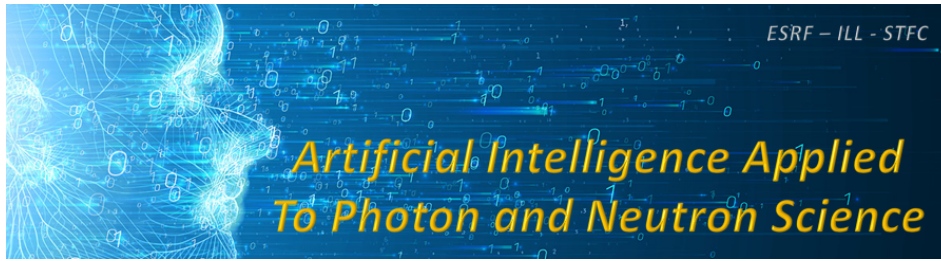


## Artificial Intelligence Applied to Photon and Neutron Science



Contribution ID: 75

Type: **not specified**

## Machine Learning at Argonne National Lab

*Wednesday, November 13, 2019 2:50 PM (25 minutes)*

We overview artificial intelligence and machine learning for science activities at Argonne National Laboratory. We particularly emphasize cross-laboratory efforts involving the Advanced Photon Source. These include advances in the confluence of high-performance computing and photon sciences; large-scale reconstruction; new algorithms for automating error-correction and experimental design; and improved control and experimental steering.

**Presenter:** Dr WILD, Stefan (ANL)

**Session Classification:** Afternoon 1