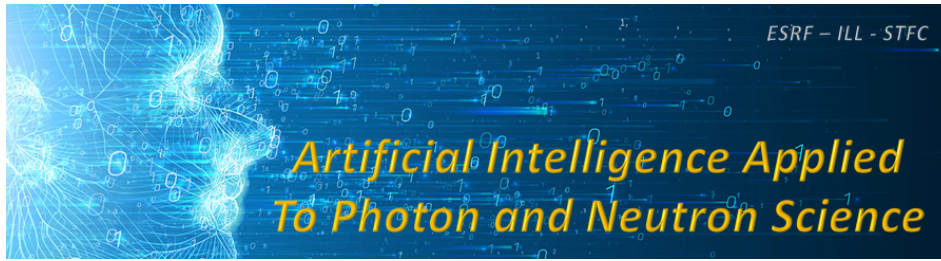


Artificial Intelligence Applied to Photon and Neutron Science



Contribution ID: 75

Type: **not specified**

Machine Learning at Argonne National Lab

Wednesday, 13 November 2019 14:50 (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