

Artificial Intelligence Applied to Photon and Neutron Science

Tuesday, 12 November 2019

Afternoon 1: Chairman Dr. Rudolf Dimper (13:40 - 15:40)

time	[id] title	presenter
13:40	[125] Welcome from ESRF Director	Dr SETTE, Francesco
13:50	[126] Welcome from ILL Director	Prof. JOHNSON, Mark
14:00	[39] Introduction to Machine Learning and Deep Neural Networks for scattering science	Dr TRIGGS, Bill
14:50	[40] Improving data analysis using artificial intelligence: an ESRF perspective	Dr FAVRE-NICOLIN, Vincent
15:15	[41] Machine learning applications for Small Angle X-ray Scattering data collection and analysis at EMBL-Hamburg	Dr FRANKE, Daniel

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Afternoon 1: Chairman Dr. Andy Gotz (14:00 - 15:40)

time	[id] title	presenter
14:00	[74] Machine learning for an XFEL accelerator	Dr RATNER, Daniel
14:50	[75] Machine Learning at Argonne National Lab	Dr WILD, Stefan
15:15	[76] Scientific Machine Learning Benchmarks	Dr THIYAGALINGAM , Jeyan