

Artificial Intelligence Applied to Photon and Neutron Science

Wednesday, 13 November 2019

Morning 1: Chairman Dr. Paolo Mutti (09:00 - 10:40)

time	[id] title	presenter
09:00	[67] Biomedical image reconstruction: From the foundations to deep neural networks	Prof. UNSER, Michael
09:50	[68] Machine Learning for improving image quality in tomography	Dr HENDRIKSEN, Allard
10:15	[69] What does artificial intelligence see in 3D protein structures?	Dr GRUDININ, Sergei

Thursday, 14 November 2019

Morning 1: Chairman Dr. Miguel Gonzalez (09:00 - 10:40)

time	[id] title	presenter
09:00	[81] Deriving the big picture from huge spatial datasets: How to make a little training data go a long way	Prof. SALTZ, Joel
09:50	[82] Deep Generative Models for detector simulation	Dr VALLECORSIA, Sofia
10:15	[83] Deep learning for Synchrotron X-ray Imaging	Dr YANG, Xiaogang