

LEAPS Integrated Platform Workshop

Wednesday, 12 May 2021

Virtual Diagnostic: Overview talk + contributed talks - Online (17:30 - 19:20)

-Conveners: Chair : Eugenio Ferrari

time	[id] title	presenter
17:30	[38] Accurate and confident prediction of electron beam longitudinal properties using spectral virtual diagnostics	HANUKA, Adi
18:05	[39] Transverse Beam Emittance Measurement by Undulator Radiation Power Noise	LOBACH, Ihar
18:25	[40] Convolutional neural networks application in virtual diagnostics	XU, Xingyi
18:45	[41] Mapping photocathode quantum efficiency with ghost imaging	CROPP, Eric
19:05	[42] Deep Learning-Based Autoencoder for Data-Driven Modeling of the European XFEL Photoinjector	ZHU, Jun