

20th Advanced Accelerator Concepts Workshop

Wednesday 09 November 2022

WGs 2+5 Joint Session: Session 1 of 1 - Salon C (13:30-15:00)

-Conveners: Samuel Barber; Yine Sun; Alexey Arefiev; David Bruhwiler

time	[id] title	presenter
13:30	[196] A Non-Invasive, Single-Shot Emittance Diagnostic, Using Edge-Radiation and a CNN Based Inference Model	WATT, Robbie
13:45	[188] Experimental results for machine learning based diagnostics and optimization at FACET-II	EMMA, Claudio
14:00	[35] Detailed Phase Space Reconstructions from Accelerator Beam Measurements Using Differentiable Simulations	ROUSSEL, Ryan
14:15	[78] ADJOINT OPTIMIZATION OF CIRCULAR LATTICES	ANTONSEN, Thomas
14:30	[255] Simulating electron beams in RF cavities with beam loading	Dr BRUHWILER, David
14:45	Discussion	