



# Workshop: AI4EIC-Exp - Experimental Applications of Artificial Intelligence for the Electron Ion Collider

## Thursday, 9 September 2021

### Day 3 afternoon (14:00 - 17:00)

-Conveners: Philip Harris; Jin Huang

time	[id] title	presenter
14:00	[35] Detector Readout: Introduction	HUANG, Jin HARRIS, Philip
14:05	[57] Overview of AI in HEP readout	RANKIN, Dylan RANKIN, Dylan
14:40	[58] EIC readout overview	BARBOSA, Fernando
15:15	break	
15:30	[59] Real-time AI tracking and tagging	YU, Dantong YU, Dantong
15:53	[60] Real-time data compression with Bicephalous Convolutional Auto-Encoder	Dr HUANG, Yi
16:16	[61] Event tagging and triggering on FPGA	Dr FURLETOV, Sergey
16:40	[25] Discussion	