



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

## Tuesday, September 7, 2021

### Day 1 morning: Welcome and Introduction (9:00 AM - 9:45 AM)

-Conveners: Jan Bernauer; Tanja Horn; Cristiano Fanelli; Amber Boehnlein

time	[id] title	presenter
9:05 AM	[28] Introduction: AI4EIC structure	FANELLI, Cristiano
9:20 AM	[29] EIC Overview and Schedule	ENT, Rolf

### Day 1 morning: Day 1 morning (10:00 AM - 1:00 PM)

-Conveners: Malachi Schram; Friederike Bock

time	[id] title	presenter
10:00 AM	[30] Accelerator and Detector Design: Introduction	BOCK, Friederike SCHRAM, Malachi
10:05 AM	[2] Accelerator Overview	SATOGATA, Todd
10:35 AM	[50] Detector Overview	HIGINBOTHAM, Douglas
11:10 AM	break	
11:25 AM	[4] AI/ML supported design	FANELLI, Cristiano
11:55 AM	[51] AI-optimized design for ECCE	PHELPS, William
12:15 PM	[52] AI for accelerator design	HAO, Yue
12:35 PM	[19] Discussion	