

## **Session Program**

**10-14 Oct 2022**



## **2nd workshop on Artificial Intelligence for the Electron Ion Collider**

### ***Streaming***

William & Mary, Raymond A. Mason School of Business, Alan B. Miller Hall , room 1019  
101 Ukrop Way, Williamsburg, VA 23185

# Thursday 13 October

10:00

## Streaming

### Session |

**Location:** William & Mary, Raymond A. Mason School of Business, Alan B. Miller Hall , room 1019, 101 Ukrop Way, Williamsburg, VA 23185 |

**Conveners:** Jan Bernauer, Marco Battaglieri

10:00-10:20 **INDRA-ASTRA**

### Speaker

Markus Diefenthaler

10:20-10:22 **Q/A**

10:22-10:42 **Fast ML for FPGA**

### Speaker

Sergey Furletov

10:42-10:44 **Q/A**

10:44-11:04 **AI for streaming readout: an architectural perspective**

### Speaker

Roberto Ammendola

11:04-11:06 **Q/A**

11:06-11:16 **Coffee break**

11:16-11:36 **AI-based data reduction for streaming DAQ**

### Speaker

Jin Huang

11:36-11:38 **Q/A**

11:38-11:58

## Streaming Readout for Next Generation Electron Scattering Experiments

### Speaker

Mariangela Bondi

11:58-12:00 **Q/A**

12:00-12:20 **ML for Heavy Flavor Identification**

### Speaker

Cameron Dean

12:20-12:22 **Q/A**

12:22-12:42 **AI for Experimental Controls**

13:00	<b>Speaker</b> Thomas Britton
	12:42-12:44 <b>Q/A</b>
	12:44-13:00 <b>Discussion</b>