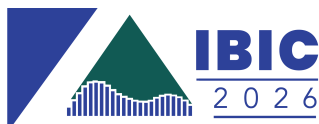


## Session Program

30 August 2026 to 3 September 2026



15<sup>TH</sup> INTERNATIONAL  
BEAM INSTRUMENTATION  
CONFERENCE

Whistler  
Conference  
Centre

August 30<sup>th</sup> to  
September 3<sup>rd</sup>  
Whistler BC, Canada

# IBIC2026 - 15th International Beam Instrumentation Conference

## ***MC07: Data Acquisition and Processing Platforms***

Whistler Conference Centre, Rainbow Theatre  
4010 Whistler Way, Whistler, BC

## Wednesday 2 September

09:00

### MC07: Data Acquisition and Processing Platforms

**Session** | **Location:** Whistler Conference Centre, Rainbow Theatre , 4010 Whistler Way, Whistler, BC

09:00–09:30

#### Development of radiation-tolerant beam imaging via multimode fiber and synthetic data-driven machine learning

**Speaker**

Mr Qiyuan Xu

09:30–10:00

#### Neural network applications for real-time processing

**Speaker**

Tobias Habermann

10:00–10:20

#### A next-generation hybrid pixel detector readout system for beam instrumentation at CERN

**Speaker**

Jüri Jöul

10:20

11:40

### MC07: Data Acquisition and Processing Platforms

**Session** | **Location:** Whistler Conference Centre, Rainbow Theatre , 4010 Whistler Way, Whistler, BC

11:40–12:00

#### An ultra-low latency ATCA-based data acquisition platform for real-time beam current monitoring and fast protection at CSNS-II

**Speaker**

peng zhu

12:00