Session Program

August 30, 2026 to September 3, 2026

IBIC 2026

15TH INTERNATIONAL BEAM INSTRUMENTATION CONFERENCE

Whistler Conference Centre

August 30th to September 3rd

Whistler, BC, Canada

IBIC2026 - 15th International Beam Instrumentation Conference

Monday Poster Session 1

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

Mon, August 31

4:40 PM

Monday Poster Session 1

Poster Session | **Location:** Whistler Conference Centre, Ballroom C

Design and planned commissioning of the ARIEL beam loss monitors

Speaker
Martin Alcorta Moreno

Monte Carlo simulations of LHC beam loss ionization detectors

Speaker
Belen Salvachua

First results of laser wire transverse profile monitor at LANSCE

Speakers
Heather Andrews, Martin Kay

Impedance optimization of the SPS-II beam scraper

Speaker
Siriwan Jummunt

A study of straw detector saturation effects with a 440 GeV/c bunched proton beam at CERN's HiRadMat facility

Speaker
Robert Larsen

Compact multi-camera transverse and longitudinal beam diagnostics for 2 MeV proton commissioning at FRANZ

Speaker
Leonie Bauer

BeamNetUS: accelerating beam-based research

Speaker
Wei Liu

Development of an optically diagnosed ECR H^+ ion source with additively manufactured ion optics

Speaker
Domonkos Czeman

Visible light beam profiling under high current operations at SuperKEKB

Speaker
Hitomi Ikeda

Test laboratory setup for synchrotron RF systems based on LLRF, resonant cavity, and RF transmitter

Speaker
Michał Fałowski

Beam Diagnostic Strategy for the SRF Linac Commissioning of LIPAc

Speaker
Dr Mukesh Dhakarwal

Construction status of beam instrumentation and diagnostics for SPring-8-II

Speaker
Hirokazu Maesaka

Synchrotron light interferometry for beam energy spread measurement at JLab

Speaker
Kotaro Nishi

Simulation analysis of space charge effects on IPM-measured transverse beam profiles

Speaker
Mengyu Liu

Improving ion profile monitor measurements with simulation and ML

Speaker
Christopher Hall

High-speed turn-by-turn and bunch-by-bunch transverse beam size measurement using a spatial interferometer and photomultiplier tube

Speaker
Yimei Zhou

Ionization profile monitors for the IOTA storage ring at Fermilab

Speaker
Randy Thurman-Keup

An ionization profile monitor for transverse beam profile measurements at GSI/FAIR

Speaker
Rok Hrovatin

LUCID – Luminescence-based gas Curtain Imaging Diagnostics for beam profile analysis

Speaker
András Zsákai

Beam quality improvement and beam diagnostics for SuperKEKB injection in the KEK e^-/e^+ linac and beam transport lines

Speaker
Fusashi Miyahara

Tests of a new Oscillating Arm Wire Scanner for HIPA at PSI

Speaker
Dr Mariusz Sapinski

Commissioning of a Heterodyne Near Field Speckles Beamline for Beam Size Measurements at ALBA

Speakers
Laura Torino, Ubaldo Iriso

Revealing beam loss mechanisms through joint bunch-by-bunch measurement of beam loss and three-dimensional position

Speaker
Xinru Gao

Re-developing the extract beam loss trip system for the ISIS synchrotron

Speaker
Anna Sofija Salosteja

Pulsed-beam capability for the D-Pace ES-4 emittance scanner

Speaker
Mr Zack Watkins

Development of In-Air X-ray Detector for vertical beam size measurement at SESAME

Speaker
Hussein Al-Mohammad

Status of the high luminosity LHC beam instrumentation

Speaker
Raymond Veness

SWAT parameter optimization of the magnetic center measurement of Scorpius Accelerator Region solenoids

Speaker
Mario Valles Montenegro

Design of a Vis–UV diagnostic beamline for transverse beam size measurement at SPS-II

Speaker
Ms Porntip Sudmuang

Correction of RF shield–induced acceptance effects in a hybrid pixel beam gas ionization monitor in the CERN SPS

Speaker
Lukas Golino

Update of the CERN beam instrumentation R&D roadmap to complete the LHC era and prepare next-generation accelerators

Speaker
Federico Roncarolo

Proton beam irradiation and transport system for the RFT-30 cyclotron

Speakers
Jongchul Lee, Dr Donghyun Kwak

Development of a novel high angular resolution tracking system at the CERN SPS North Area test beam

Speaker
Justus Braach

A light-based detector for beam diagnostics and monitoring

Speaker
Dr Benoit Truc

Laser parameterisation for an upgraded LINAC4 laserwire diagnostic at CERN

Speaker
Tiago Fernandes de Nóbrega

PIP-II beam instrumentation for beam commissioning

Speaker
Victor Scarpine

Deployment of a new current measurement module for beam loss monitors of HIPA facility in PSI

Speaker
Dr Mariusz Sapinski

Design of Elettra 2.0 x-ray diagnostics beamline

Speaker
Marco Veronese

Design and validation of a non-destructive real-time beam profile monitor for white photon beams

Speaker
Dr Woojin Song

Electron detection system for the LANSCE laser wire scanner

Speakers
Heather Andrews, Dr Martin Kay

Radiation tolerance testing of the cooled CMOS camera for beam profile monitoring

Speaker
Sang-Pil Yun

Using a triangle pinhole for beam imaging

Speaker
Igor Pinayev

Design considerations for EIC synchrotron radiation monitors

Speaker
Igor Pinayev

Python for beam spot analysis

Speaker
Michael Bree

Design of an emittance meter for the CSNS MEBT

Speaker
Renjun Yang

Beam loss monitoring and protection for the upgraded cyclotron injection system at TRIUMF

Speaker
Suresh Saminathan

Novel optical methods for multipacting characterization during RF conditioning

Speaker
Leonie Bauer

Design study of a Cherenkov diffraction radiation beam profile monitor for the PLS-II injector beam transport line

Speaker
Prof. Moses Chung

Optimization of the ion trap for secondary electron suppression in the CSNS RCS IPM

Speakers
Renjun Yang, Mr Yuliang Xiao

Improving the double slit interferometer setup at KARA to achieve turn-resolved transversal beam size measurements

Speaker
Marvin Noll

6:40 PM