

**Mini-Workshop on
high-dimensional beam
phase-space diagnostics**

Report of Contributions

Contribution ID: 1

Type: **not specified**

Study on Various Beam Diagnostic Methods Using a Beam Test Stand

Thursday, April 9, 2026 1:30 PM (40 minutes)

Presenter: Dr MOON, Seok-ho (KOMAC)

Contribution ID: 2

Type: **not specified**

Transverse phase space reconstruction methods with traditional and machine learning techniques

Thursday, April 9, 2026 2:10 PM (1 hour)

Presenter: Dr COSGUN, Emre (J-PARC)

Contribution ID: 3

Type: **not specified**

4D Transverse Phase Space Reconstruction Using the Virtual Pepper-Pot and Differential Slit Method

Thursday, April 9, 2026 3:30 PM (30 minutes)

Presenter: Ms CHOI, Jiyoung (POSTECH)

Contribution ID: 4

Type: **not specified**

Transverse Phase Space Reconstruction On VPP via MENT

Thursday, April 9, 2026 4:00 PM (30 minutes)

Presenter: Mr LEE, Daon (POSTECH)

Contribution ID: 5

Type: **not specified**

Maximum Entropy Tomography of 4D Transverse Phase Space Distribution with Linear and Nonlinear Projections

Thursday, April 9, 2026 4:30 PM (30 minutes)

Presenter: Mr LIU, Liwen (IMP, CAS)

Contribution ID: 6

Type: **not specified**

SOFT: Single-Optics Four-dimensional phase space Tomography via double-rotated 2D measurements

Thursday, April 9, 2026 5:00 PM (30 minutes)

Presenter: Ms MA, Binghui (IMP, CAS)

Contribution ID: 7

Type: **not specified**

VIBRATING WIRE MONITORS FOR BEAM AND IONIZATION RADIATION INSTRUMENTATION

Friday, April 10, 2026 9:10 AM (40 minutes)

Presenter: Dr ARUTUNIAN, Suren (Alikhanyan National Scientific Laboratory)

Contribution ID: 8

Type: **not specified**

Current Status and Prospects of Hadron Linac Facilities at IMP

Friday, April 10, 2026 9:50 AM (40 minutes)

Presenter: Dr WONG, Jonathan (IMP, CAS)

Contribution ID: 9

Type: **not specified**

Visible Diagnostic Beamline and Photon Beam Profile Monitor at PLS-II Storage Ring

Wednesday, April 8, 2026 3:30 PM (1 hour)

Presenter: Dr SONG, Woojin (PAL)

Contribution ID: **10**

Type: **not specified**

Introduction to PAL-XFEL and Beam Diagnostics at PAL-XFEL

Wednesday, April 8, 2026 4:30 PM (1 hour)

Presenter: Dr SUNG, Chang-Kyu (PAL)

Contribution ID: 11

Type: **not specified**

Generative 6-dimensional phase space reconstruction at the PAL-XFEL and its application for beam optimization

Wednesday, April 8, 2026 5:30 PM (40 minutes)

Presenter: Dr KIM, Seongyeol (PAL)