

**HB2023**



# **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## **3 Plenaries (SG)**

Contribution ID: 2

Type: **not specified**

## **Seminar(s) (SG)**

Contribution ID: 3

Type: **not specified**

## **4 Plenaries (SG)**

Contribution ID: 4

Type: **not specified**

## Opening

*Monday 9 October 2023 08:50 (10 minutes)*

**Presenters:** METRAL, Elias (CERN); Dr GILARDONI, Simone (CERN)

Contribution ID: 5

Type: **not specified**

## **Beam performance with the LHC Injectors Upgrade**

*Monday 9 October 2023 09:00 (25 minutes)*

**Presenter:** RUMOLO, Giovanni (CERN)

**Session Classification:** Plenaries

Contribution ID: 6

Type: **not specified**

## **FRIB from commissioning to operation**

*Monday 9 October 2023 09:35 (25 minutes)*

**Presenter:** OSTROUMOV, Peter (Michigan State University)

**Session Classification:** Plenaries

Contribution ID: 7

Type: **not specified**

## Discussion

*Monday 9 October 2023 09:25 (10 minutes)*

**Session Classification:** Plenaries



Contribution ID: 8

Type: **not specified**

## Discussion

*Monday 9 October 2023 10:00 (10 minutes)*

**Session Classification:** Plenaries

Contribution ID: 9

Type: **not specified**

## **Intense beam issues in CSNS accelerator beam commissioning**

*Monday 9 October 2023 10:10 (25 minutes)*

**Presenter:** WANG, Sheng (IHEP)

**Session Classification:** Plenaries

Contribution ID: **10**

Type: **not specified**

## **Discussion**

*Monday 9 October 2023 10:35 (10 minutes)*

**Session Classification:** Plenaries

Contribution ID: 11

Type: **not specified**

## **Beam commissioning of the J-PARC MR after its high-repetition rate upgrade**

*Monday 9 October 2023 11:05 (25 minutes)*

**Presenter:** Prof. SATO, Yoichi (KEK/J-PARC)

**Session Classification:** Plenaries

Contribution ID: 12

Type: **not specified**

## **Challenges & Status of HIAF project and brief introduction of CiADS project in China**

*Monday 9 October 2023 11:40 (25 minutes)*

**Presenter:** YANG, Jiancheng (HIAF)

**Session Classification:** Plenaries

Contribution ID: 13

Type: **not specified**

## **Accelerator challenges at ESS**

*Monday 9 October 2023 12:15 (25 minutes)*

**Presenter:** ESHRAQI, Mamad (ESS - European Spallation Source (SE))

**Session Classification:** Plenaries

Contribution ID: 14

Type: **not specified**

## Discussion

*Monday 9 October 2023 11:30 (10 minutes)*

**Session Classification:** Plenaries

Contribution ID: 15

Type: **not specified**

## Discussion

*Monday 9 October 2023 12:05 (10 minutes)*

**Session Classification:** Plenaries



Contribution ID: 16

Type: **not specified**

## Discussion

*Monday 9 October 2023 12:40 (10 minutes)*

**Session Classification:** Plenaries

Contribution ID: 17

Type: **not specified**

# **Collective Effects in Lepton Circular Colliders and Synchrotron Light Sources**

*Monday 9 October 2023 17:35 (30 minutes)*

**Presenter:** ZOBOV, Mikhail

**Session Classification:** Seminar

Contribution ID: **18**

Type: **not specified**

## **Beam dynamics challenges in the design of the EIC**

*Monday 9 October 2023 14:20 (25 minutes)*

**Presenter:** LUO, Yun (Brookhaven National Laboratory)

**Session Classification:** Plenaries

Contribution ID: **19**

Type: **not specified**

## **Discussion**

*Monday 9 October 2023 14:45 (10 minutes)*

**Session Classification:** Plenaries

Contribution ID: 20

Type: **not specified**

## **Accelerator challenges in the Fermilab Neutrino Programme**

*Monday 9 October 2023 14:55 (25 minutes)*

**Presenter:** Dr ELDRED, Jeffrey (Fermilab)

**Session Classification:** Plenaries

Contribution ID: 21

Type: **not specified**

## Discussion

*Monday 9 October 2023 15:20 (10 minutes)*

**Session Classification:** Plenaries

Contribution ID: 22

Type: **not specified**

## **High-Power Targetry and the IMPACT Initiative at PSI**

*Monday 9 October 2023 15:30 (25 minutes)*

**Presenter:** KISELEV, Daniela (Paul Scherrer Institut)

**Session Classification:** Plenaries

Contribution ID: 23

Type: **not specified**

## Discussion

*Monday 9 October 2023 15:55 (10 minutes)*

**Session Classification:** Plenaries



Contribution ID: 24

Type: **not specified**

## **Design of a fixed-field accelerating ring for high power applications**

*Monday 9 October 2023 16:15 (25 minutes)*

**Presenter:** MACHIDA, Shinji (STFC/RAL)

**Session Classification:** Plenaries

Contribution ID: 25

Type: **not specified**

## Discussion

*Monday 9 October 2023 16:40 (10 minutes)*

**Session Classification:** Plenaries

Contribution ID: 26

Type: **not specified**

## **Space charge limits and possible mitigation approaches in the FAIR synchrotrons**

*Monday 9 October 2023 16:50 (25 minutes)*

**Presenter:** OEFTIGER, Adrian (GSI)

**Session Classification:** Plenaries

Contribution ID: 27

Type: **not specified**

## Discussion

*Monday 9 October 2023 17:15 (10 minutes)*

**Session Classification:** Plenaries

Contribution ID: 28

Type: **not specified**

## Discussion

*Monday 9 October 2023 18:05 (30 minutes)*

**Session Classification:** Seminar

Contribution ID: 29

Type: **not specified**

## Details to come

Contribution ID: **30**

Type: **not specified**

## **Details to come**

Contribution ID: **31**

Type: **not specified**

## **Details to come**



Contribution ID: **32**

Type: **not specified**

## **Details to come**

Contribution ID: **33**

Type: **not specified**

## **CERN Visit**

*Friday 13 October 2023 14:00 (3 hours)*

Contribution ID: **34**

Type: **not specified**

## **HB2023 opening**

**Presenters:** METRAL, Elias (CERN); Dr GILARDONI, Simone (CERN)

**Session Classification:** Plenaries

Contribution ID: 35

Type: **not specified**

## Welcome

*Monday 9 October 2023 08:40 (10 minutes)*

**Presenter:** LAMONT, Mike (CERN)

Contribution ID: **36**

Type: **not specified**

## Registration

*Monday 9 October 2023 08:00 (30 minutes)*

Contribution ID: 37

Type: **not specified**

## "Inverse Stability Problem in Beam Dynamics"

*Tuesday 10 October 2023 08:55 (20 minutes)*

**Presenters:** BUROV, Alexey (Fermi National Accelerator Lab. (US)); BUROV, Alexey (Fermi-lab)

**Session Classification:** WGA - Beam Dynamics in Rings

Contribution ID: 38

Type: **not specified**

## **"New Understanding of Longitudinal Beam Instabilities and Comparison With Measurements"**

*Tuesday 10 October 2023 09:25 (20 minutes)*

**Presenters:** KARPOV, Ivan (CERN); KARPOV, Ivan (CERN)

**Session Classification:** WGA - Beam Dynamics in Rings

Contribution ID: 39

Type: **not specified**

## **"Major longitudinal impedance sources in the J-PARC main ring"**

*Tuesday 10 October 2023 09:55 (15 minutes)*

**Presenter:** KOBAYASHI, Aine (KEK)

**Session Classification:** WGA - Beam Dynamics in Rings



Contribution ID: 40

Type: **not specified**

## **"High Intensity Beam Dynamics Challenges for HL-LHC"**

*Tuesday 10 October 2023 10:20 (15 minutes)*

**Presenter:** MOUNET, Nicolas (CERN)

**Session Classification:** WGA - Beam Dynamics in Rings

Contribution ID: 41

Type: **not specified**

## **"Multi-Beam Operation of LANSCE Accelerator Facility"**

*Tuesday 10 October 2023 08:55 (20 minutes)*

**Presenter:** BATYGIN, Yuri (LANL)

**Session Classification:** WGB - Beam Dynamics in Linacs

Contribution ID: 42

Type: **not specified**

## **"30 kW Beam Commissioning of the High-Intensity Proton Accelerator IPHI: Experiments, Simulations and Space Charge"**

*Tuesday 10 October 2023 09:25 (20 minutes)*

**Presenters:** CHAUVIN, Nicolas; CHAUVIN, Nicolas (CEA-IRFU)

**Session Classification:** WGB - Beam Dynamics in Linacs

Contribution ID: 43

Type: **not specified**

## **"Effect of three-dimensional quadrupole magnet model on beam dynamics in the FODO line at the Spallation Neutron Source Beam Test Facility"**

*Tuesday 10 October 2023 09:55 (15 minutes)*

**Presenter:** THOMPSON, Trent Edward

**Session Classification:** WGB - Beam Dynamics in Linacs

Contribution ID: 44

Type: **not specified**

## **"The impact of high-dimensional phase space correlations on the beam dynamics in a linear accelerator"**

*Tuesday 10 October 2023 10:20 (15 minutes)*

**Presenter:** HOOVER, Austin (ORNL)

**Session Classification:** WGB - Beam Dynamics in Linacs

Contribution ID: 45

Type: **not specified**

## **"Xsuite: an integrated beam physics simulation framework"**

*Tuesday 10 October 2023 11:05 (20 minutes)*

**Presenters:** IADAROLA, Giovanni (CERN); IADAROLA, Giovanni (CERN)

**Session Classification:** WGA - Beam Dynamics in Rings

Contribution ID: 46

Type: **not specified**

## **"Community Modeling Tools for High Brightness Beam Physics"**

*Tuesday 10 October 2023 11:35 (20 minutes)*

**Presenter:** MITCHELL, Chad Eugene (LBNL)

**Session Classification:** WGA - Beam Dynamics in Rings

Contribution ID: 47

Type: **not specified**

**"Beam-beam effects: modelling, measurements and correction strategy on the luminosity calibration measurements at the Large Hadron Collider experiments"**

*Tuesday 10 October 2023 12:05 (15 minutes)*

**Presenters:** Dr PIELONI, Tatiana (EPFL); PIELONI, Tatiana (EPFL)

**Session Classification:** WGA - Beam Dynamics in Rings



Contribution ID: 48

Type: **not specified**

## **"Recent advances in the CERN PS impedance model and instability simulations"**

*Tuesday 10 October 2023 12:30 (15 minutes)*

**Presenter:** JOLY, Sebastien (La Sapienza University of Rome)

**Session Classification:** WGA - Beam Dynamics in Rings

Contribution ID: 49

Type: **not specified**

## "High availability oriented beam dynamics for CiADS proton linac"

*Tuesday 10 October 2023 11:05 (20 minutes)*

**Presenter:** LIU, Shuhui (IMP/CAS)

**Session Classification:** WGB - Beam Dynamics in Linacs

Contribution ID: 50

Type: **not specified**

## **"SNS Linac Beam Dynamics: What We Understand, and What We Don't"**

*Tuesday 10 October 2023 11:35 (20 minutes)*

**Presenter:** SHISHLO, Andrei P. (ORNL)

**Session Classification:** WGB - Beam Dynamics in Linacs

Contribution ID: 51

Type: **not specified**

## "Beam physics simulation studies of 70 MeV ISIS injector linac"

*Tuesday 10 October 2023 12:05 (15 minutes)*

**Presenter:** AHMADIANNAMIN, Sasan (STFC/RAL/ISIS)

**Session Classification:** WGB - Beam Dynamics in Linacs

Contribution ID: 52

Type: **not specified**

## "Evaluating PyORBIT as Unified Simulation Tool for Beam-Dynamics Modeling of the ESS Linac"

*Tuesday 10 October 2023 12:30 (15 minutes)*

**Presenters:** ESTEBAN MULLER, Juan; ESTEBAN MULLER, Juan; MULLER, Juan Federico Esteban (ESS)

**Session Classification:** WGB - Beam Dynamics in Linacs

Contribution ID: 53

Type: **not specified**

## **"Ultra-low Emittance Bunches from Laser Cooled Ion Traps for Intense Focal Points"**

*Tuesday 10 October 2023 14:20 (20 minutes)*

**Presenter:** BROOKS, Stephen (Brookhaven National Laboratory)

**Session Classification:** WGC - Accelerator Systems

Contribution ID: 54

Type: **not specified**

## **"Shaping high brightness and fixed target beams with the CERN PSB charge exchange injection"**

*Tuesday 10 October 2023 14:50 (20 minutes)*

**Presenter:** BRACCO, Chiara (CERN)

**Session Classification:** WGC - Accelerator Systems

Contribution ID: 55

Type: **not specified**

## **"Laser stripping of H- beam"**

*Tuesday 10 October 2023 15:20 (20 minutes)*

**Presenters:** GORLOV, Timofey; GORLOV, Timofey (ORNL)

**Session Classification:** WGC - Accelerator Systems



Contribution ID: 56

Type: **not specified**

## "Muon production target at J-PARC"

*Tuesday 10 October 2023 15:50 (15 minutes)*

**Presenter:** MATOBA, Shiro (KEK)

**Session Classification:** WGC - Accelerator Systems

Contribution ID: 57

Type: **not specified**

## **"Challenging of muon acceleration for muon colliders"**

*Tuesday 10 October 2023 16:15 (15 minutes)*

**Presenters:** YONEHARA, Katsuya; YONEHARA, Katsuya (Fermilab)

**Session Classification:** WGC - Accelerator Systems

Contribution ID: 58

Type: **not specified**

## **"SPIRAL2 Commissioning and Operations"**

*Tuesday 10 October 2023 14:20 (20 minutes)*

**Presenters:** ORDUZ, Angie Karina (GANIL); ORDUZ, Angie

**Session Classification:** WGD - Operations and Commissioning

Contribution ID: 59

Type: **not specified**

## **"Measurements of Momentum Halo Due to the Reduced RFQ Voltage During the LIPAc Beam Commissioning"**

*Tuesday 10 October 2023 14:50 (20 minutes)*

**Presenters:** HIROSAWA, Kouki (High Energy Accelerator Research Organization (JP)); HIROSAWA, Kouki

**Session Classification:** WGD - Operations and Commissioning

Contribution ID: **60**

Type: **not specified**

## **"ESS Normal Conducting Linac Commissioning Results"**

*Tuesday 10 October 2023 15:20 (20 minutes)*

**Presenters:** Dr LEVINSEN, Yngve; LEVINSEN, Yngve (ESS)

**Session Classification:** WGD - Operations and Commissioning

Contribution ID: **61**

Type: **not specified**

## **"SARAF MEBT commissioning"**

*Tuesday 10 October 2023 15:50 (20 minutes)*

**Presenters:** PICHOFF, Nicolas (CEA-France); PICHOFF, Nicolas (CEA-IRFU)

**Session Classification:** WGD - Operations and Commissioning

Contribution ID: 62

Type: **not specified**

## **"Intense highly charged ion beams operation for heavy ion accelerators at IMP"**

*Tuesday 10 October 2023 16:20 (15 minutes)*

**Presenter:** ZHAO, Hongwei (IMP/CAS)

**Session Classification:** WGD - Operations and Commissioning

Contribution ID: 63

Type: **not specified**

## **"A kicker impedance reduction scheme with diode stack and resistor at the RCS in J-PARC"**

*Tuesday 10 October 2023 17:05 (20 minutes)*

**Presenter:** SHOBUDA, Yoshihiro (JAEA/J-PARC)

**Session Classification:** WGC - Accelerator Systems



Contribution ID: 64

Type: **not specified**

## **"Development of an Impedance Model for the ISIS Synchrotron and Predictions for the Head-Tail Instability"**

*Tuesday 10 October 2023 17:35 (20 minutes)*

**Presenters:** POSTHUMA DE BOER, David; POSTHUMA DE BOER, David William (STFC/RAL/ISIS)

**Session Classification:** WGC - Accelerator Systems

Contribution ID: 65

Type: **not specified**

## "Beam coupling impedance of the main extraction kickers in the CERN PS"

*Tuesday 10 October 2023 18:05 (15 minutes)*

**Presenters:** NERONI, Michela (Sapienza Universita e INFN, Roma I (IT)); NERONI, Michela (CERN)

**Session Classification:** WGC - Accelerator Systems

Contribution ID: 66

Type: **not specified**

## **"Mitigating collimation impedance and improving halo cleaning with new optics and settings strategy of the HL-LHC betatron collimation system"**

*Tuesday 10 October 2023 18:30 (15 minutes)*

**Presenters:** LINDSTROM, Bjorn Hans Filip (CERN); LINDSTROM, Bjorn (CERN)

**Session Classification:** WGC - Accelerator Systems

Contribution ID: 67

Type: **not specified**

## **"PSI HIPA facility: operation and upgrade plans"**

*Tuesday 10 October 2023 17:05 (20 minutes)*

**Presenters:** Dr GRILLENBERGER, Joachim (Paul Scherrer Institut); GRILLENBERGER, Joachim (PSI)

**Session Classification:** WGD - Operations and Commissioning

Contribution ID: 68

Type: **not specified**

## **"1-MW beam operation at J-PARC RCS with minimum beam loss"**

*Tuesday 10 October 2023 17:35 (20 minutes)*

**Presenter:** KUMAR SAHA, Pranab (JAEA/J-PARC)

**Session Classification:** WGD - Operations and Commissioning

Contribution ID: 69

Type: **not specified**

## **"Recent Progress in Loss Control for the ISIS High-Intensity RCS: Geodetic Modelling, Tune Control, and Optimisation"**

*Tuesday 10 October 2023 18:05 (15 minutes)*

**Presenters:** RAFIQUE, Haroon; RAFIQUE, Haroon (University of Huddersfield); RAFIQUE, Haroon (STFC/RAL/ISIS)

**Session Classification:** WGD - Operations and Commissioning

Contribution ID: 70

Type: **not specified**

## **"Application of programmable trim quadrupoles in beam commissioning of CSNS/RCS"**

*Tuesday 10 October 2023 18:30 (15 minutes)*

**Presenter:** LIUHY, 刘汉阳

**Session Classification:** WGD - Operations and Commissioning

Contribution ID: 71

Type: **not specified**

## **"Development and Application of High-Performance CISP-GPU Code for High Intensity Effects in Hiaf"**

*Wednesday 11 October 2023 08:55 (20 minutes)*

**Presenter:** LIU, Jie

**Session Classification:** WGA - Beam Dynamics in Rings



Contribution ID: 72

Type: **not specified**

## **"Analytical and numerical studies on kicked beams in the context of half-integer studies"**

*Wednesday 11 October 2023 09:25 (20 minutes)*

**Presenters:** FRANCHETTI, Giuliano (GSI - Helmholtzzentrum für Schwerionenforschung GmbH (DE)); FRANCHETTI, Giuliano

**Session Classification:** WGA - Beam Dynamics in Rings

Contribution ID: 73

Type: **not specified**

## **"Bunch-by-bunch tune shift studies for LHC-type beams in the CERN SPS"**

*Wednesday 11 October 2023 09:55 (15 minutes)*

**Presenters:** MASES, Ingrid (CERN); MASES SOLE, Ingrid (Goethe University Frankfurt (DE))

**Session Classification:** WGA - Beam Dynamics in Rings

Contribution ID: 74

Type: **not specified**

## **"Design of a proof-of-principle Experiment for the DLMN Method to Identify Magnetic Field Errors"**

*Wednesday 11 October 2023 10:20 (15 minutes)*

**Presenters:** CALIARI, Conrad (TU Darmstadt); CALIARI, Conrad (TEMF)

**Session Classification:** WGA - Beam Dynamics in Rings

Contribution ID: 75

Type: **not specified**

## **"Radiation hardened beam instrumentations for multi-Mega-Watt beam facilities"**

*Wednesday 11 October 2023 08:55 (20 minutes)*

**Presenters:** YONEHARA, Katsuya; YONEHARA, Katsuya (Fermilab)

**Session Classification:** WGE - Beam Instrumentation and Intercepting Devices

Contribution ID: 76

Type: **not specified**

## **”Improvement design of a beam current monitor based on a passive cavity under heavy heat load and radiation”**

*Wednesday 11 October 2023 09:25 (15 minutes)*

**Presenter:** SUN, Jilei (Paul Scherrer Institut)

**Session Classification:** WGE - Beam Instrumentation and Intercepting Devices

Contribution ID: 77

Type: **not specified**

## "Beam Diagnosis and Soundness Check System for Neutrino Production Targets"

*Wednesday 11 October 2023 09:50 (20 minutes)*

**Presenters:** FRIEND, Megan (High Energy Accelerator Research Organization (JP)); FRIEND, Megan (KEK)

**Session Classification:** WGE - Beam Instrumentation and Intercepting Devices

Contribution ID: 78

Type: **not specified**

## **"Challenges of Target and Irradiation Diagnostics of the IFMIF-DONES Facility"**

*Wednesday 11 October 2023 10:20 (15 minutes)*

**Presenter:** TORREGROSA, Claudio (UGR)

**Session Classification:** WGE - Beam Instrumentation and Intercepting Devices

Contribution ID: 79

Type: **not specified**

## "Compensation of Third-Order Resonances in the High Intensity Regime"

*Wednesday 11 October 2023 11:05 (20 minutes)*

**Presenters:** GONZALEZ-ORTIZ, Cristhian Eduardo (Michigan State University (US)); GONZALEZ-ORTIZ, Cristhian Eduardo (MSU)

**Session Classification:** WGA - Beam Dynamics in Rings



Contribution ID: 80

Type: **not specified**

## "Space charge induced resonances and suppression in J-PARC MR"

*Wednesday 11 October 2023 11:35 (20 minutes)*

**Presenters:** YASUI, Takaaki (High Energy Accelerator Research Organization (KEK)); YASUI, Takaaki (KEK)

**Session Classification:** WGA - Beam Dynamics in Rings

Contribution ID: 81

Type: **not specified**

## **"Tune Optimization for Alleviating Space Charge Effects and Suppressing Beam Instability in the RCS of CSNS"**

*Wednesday 11 October 2023 12:05 (15 minutes)*

**Presenter:** XU, Shouyan (IHEP)

**Session Classification:** WGA - Beam Dynamics in Rings

Contribution ID: 82

Type: **not specified**

## **"Effects of statistical dependence in the transverse planes for non-Gaussian beam distributions"**

*Wednesday 11 October 2023 12:30 (15 minutes)*

**Presenter:** LAMB, Eleanor (CERN)

**Session Classification:** WGA - Beam Dynamics in Rings

Contribution ID: 83

Type: **not specified**

## **"Beam Intercepting Device Challenges for High Intensity Accelerators - Global perspective"**

*Wednesday 11 October 2023 11:05 (20 minutes)*

**Presenters:** PERILLO MARCONE, Antonio (CERN); PERILLO MARCONE, Antonio (CERN)

**Session Classification:** WGE - Beam Instrumentation and Intercepting Devices

Contribution ID: 84

Type: **not specified**

## **"Evaluation of power deposition in HL-LHC with crystal-assisted heavy ion collimation"**

*Wednesday 11 October 2023 11:35 (15 minutes)*

**Presenter:** RODIN, Volodymyr (CERN)

**Session Classification:** WGE - Beam Instrumentation and Intercepting Devices

Contribution ID: 85

Type: **not specified**

## **"Operational Performance with FRIB Liquid Lithium and Carbon Charge Strippers"**

*Wednesday 11 October 2023 12:00 (20 minutes)*

**Presenter:** KANEMURA, Takuji (FRIB)

**Session Classification:** WGE - Beam Instrumentation and Intercepting Devices

Contribution ID: 86

Type: **not specified**

## **"Two-Dimensional Temperature Measurements of Nanocrystalline Diamond Stripper Foils at High Intensity Hydrogen Ion Beams at SNS"**

*Wednesday 11 October 2023 12:30 (15 minutes)*

**Presenter:** RAKHMAN OGUZ, Abdurahim (ORNL)

**Session Classification:** WGE - Beam Instrumentation and Intercepting Devices

Contribution ID: 87

Type: **not specified**

## **"Synchronous Phases and Transit Time Factors"**

*Wednesday 11 October 2023 14:20 (20 minutes)*

**Presenter:** LAGNIEL, Jean-Michel (GANIL)

**Session Classification:** WGB - Beam Dynamics in Linacs



Contribution ID: **88**

Type: **not specified**

## **"Particle resonances' domination over parametric instabilities and their mitigation"**

*Wednesday 11 October 2023 14:50 (20 minutes)*

**Presenter:** JEON, Dong-O (IBS)

**Session Classification:** WGB - Beam Dynamics in Linacs

Contribution ID: **89**

Type: **not specified**

## **"The tracking code RF-Track and its application"**

*Wednesday 11 October 2023 15:20 (15 minutes)*

**Presenters:** LATINA, Andrea (CERN); LATINA, Andrea (CERN)

**Session Classification:** WGB - Beam Dynamics in Linacs

Contribution ID: 90

Type: **not specified**

## **"Benchmarking of PATH and RF-Track simulation codes using the Linac4 front-end"**

*Wednesday 11 October 2023 15:45 (15 minutes)*

**Presenters:** BELLODI, Giulia (CERN); BELLODI, Giulia (CERN)

**Session Classification:** WGB - Beam Dynamics in Linacs

Contribution ID: 91

Type: **not specified**

## "Differential Algebra for Accelerator Optimization with Truncated Green's Function"

*Wednesday 11 October 2023 16:10 (15 minutes)*

**Presenter:** SHIK PARK, Chong (Korea University Sejong Campus)

**Session Classification:** WGB - Beam Dynamics in Linacs

Contribution ID: 92

Type: **not specified**

## **"Self-Consistent Injection Painting for Space Charge Mitigation"**

*Wednesday 11 October 2023 14:20 (20 minutes)*

**Presenters:** EVANS, Nicholas; EVANS, Nicholas John (ORNL)

**Session Classification:** WGC - Accelerator Systems

Contribution ID: 93

Type: **not specified**

## **"Mitigating of Space Charge Effects in RHIC and Its Injectors"**

*Wednesday 11 October 2023 14:50 (20 minutes)*

**Presenter:** SCHOEFER, Vincent

**Session Classification:** WGC - Accelerator Systems

Contribution ID: 94

Type: **not specified**

## **"Beyond 1 MW Scenario in J-PARC Rapid Cycling Synchrotron"**

*Wednesday 11 October 2023 15:20 (15 minutes)*

**Presenters:** YAMAMOTO, Kazami (J-PARC Center / JAEA); YAMAMOTO, Kazami (JAEA/J-PARC)

**Session Classification:** WGC - Accelerator Systems

Contribution ID: 95

Type: **not specified**

## "High energy cooling"

*Wednesday 11 October 2023 15:45 (15 minutes)*

**Presenter:** LEBEDEV, Valeri (Fermilab)

**Session Classification:** WGC - Accelerator Systems



Contribution ID: 96

Type: **not specified**

## **"Simulations and Measurements of Betatron and Off-Momentum Cleaning Performance in the Energy Ramp at the LHC"**

*Wednesday 11 October 2023 16:10 (15 minutes)*

**Presenters:** TRIANTAFYLLOU, Natalia (CERN); TRIANTAFYLLOU, Natalia (CERN)

**Session Classification:** WGC - Accelerator Systems

Contribution ID: 97

Type: **not specified**

## **"Development of non-destructive beam envelope measurements using BPMs for low beta heavy ion beams in SRF cavities"**

*Wednesday 11 October 2023 16:55 (20 minutes)*

**Presenter:** NISHI, Takahiro (RIKEN Nishina Center)

**Session Classification:** WGB - Beam Dynamics in Linacs

Contribution ID: 98

Type: **not specified**

## "Linac4 Source and Low Energy Experience and Challenges"

*Wednesday 11 October 2023 17:25 (20 minutes)*

**Presenters:** SARGSYAN, Edgar (CERN); SARGSYAN, Edgar (CERN)

**Session Classification:** WGB - Beam Dynamics in Linacs

Contribution ID: 99

Type: **not specified**

## **"Beam Loss Studies in the China Spallation Neutron Source Linac"**

*Wednesday 11 October 2023 17:55 (15 minutes)*

**Presenter:** HUANG, Ming-Yang

**Session Classification:** WGB - Beam Dynamics in Linacs

Contribution ID: **100**

Type: **not specified**

## **"Beam loss simulations for the proposed TATTOOS beamline at HIPA"**

*Wednesday 11 October 2023 18:20 (15 minutes)*

**Presenter:** HARTMANN, Marco (PSI)

**Session Classification:** WGB - Beam Dynamics in Linacs

Contribution ID: 101

Type: **not specified**

## ”RF systems of J-PARC proton synchrotrons for high-intensity longitudinal beam optimization and handling”

*Wednesday 11 October 2023 16:55 (20 minutes)*

**Presenters:** TAMURA, Fumihiko (Japan Atomic Energy Agency (JP)); TAMURA, Fumihiko (JAEA/J-PARC)

**Session Classification:** WGC - Accelerator Systems

Contribution ID: **102**

Type: **not specified**

## **"Development of Daul-harmonic RF System for CSNS-II"**

*Wednesday 11 October 2023 17:25 (20 minutes)*

**Presenter:** WUBIN, 吴彬

**Session Classification:** WGC - Accelerator Systems

Contribution ID: 103

Type: **not specified**

## "Magnetic Alloy loaded cavities in J-PARC and CERN"

*Wednesday 11 October 2023 17:55 (15 minutes)*

**Author:** OHMORI, Chihiro (KEK)

**Presenters:** OHMORI, Chihiro (High Energy Accelerator Research Organization (JP)); OHMORI, Chihiro (KEK)

**Session Classification:** WGC - Accelerator Systems



Contribution ID: **104**

Type: **not specified**

## **"Multiharmonic Buncher (MHB) for the Isolde Superconducting Recoil Separator Project"**

*Wednesday 11 October 2023 18:20 (15 minutes)*

**Presenter:** MUÑOZ, Juan Luis (ESS Bilbao)

**Session Classification:** WGC - Accelerator Systems

Contribution ID: **105**

Type: **not specified**

## **”Performance and upgrade considerations for the CSNS injection”**

*Thursday 12 October 2023 08:50 (20 minutes)*

**Presenter:** HUANG, Ming-Yang

**Session Classification:** WGA - Beam Dynamics in Rings

Contribution ID: 106

Type: **not specified**

## **"High-Intensity Studies on the ISIS RCS and their Impact on the Design of ISIS-II"**

*Thursday 12 October 2023 09:20 (20 minutes)*

**Presenter:** WILLIAMSON, Robert

**Session Classification:** WGA - Beam Dynamics in Rings

Contribution ID: 107

Type: **not specified**

## **"Coherent dispersion effects in 2-D coasting beams and 3-D bunched beams in high-intensity hadron synchrotrons"**

*Thursday 12 October 2023 10:20 (15 minutes)*

**Presenter:** YUAN, Yaoshuo

**Session Classification:** WGA - Beam Dynamics in Rings

Contribution ID: **108**

Type: **not specified**

## **Predominantly electric “E&m” storage ring with nuclear spin control capability**

*Thursday 12 October 2023 09:50 (20 minutes)*

**Presenter:** TALMAN, Richard

**Session Classification:** WGA - Beam Dynamics in Rings

Contribution ID: **109**Type: **not specified**

## "SNS upgrade and power ramp up"

*Thursday 12 October 2023 08:50 (20 minutes)*

**Presenters:** PILAT, Fulvia C. (ORNL); PILAT, Fulvia (Jefferson Laboratory); PILAT, Fulvia (Department of Physics); PILAT, Fulvia (ORNL)

**Session Classification:** WGD - Operations and Commissioning

Contribution ID: **110**

Type: **not specified**

## **"Frib Plans Towards High Beam Power"**

*Thursday 12 October 2023 09:20 (20 minutes)*

**Presenter:** WEI, Jie (FRIB)

**Session Classification:** WGD - Operations and Commissioning

Contribution ID: 111

Type: **not specified**

## **"The beam commissioning of China Accelerator for research on superheavy elements"**

*Thursday 12 October 2023 09:50 (20 minutes)*

**Presenter:** WANG, Zhijun (IMP/CAS)

**Session Classification:** WGD - Operations and Commissioning



Contribution ID: 112

Type: **not specified**

## **"Transverse emittance reconstruction along the cycle of the CERN Antiproton Decelerator"**

*Thursday 12 October 2023 10:20 (15 minutes)*

**Presenter:** RUSSO, Giulia (CERN)

**Session Classification:** WGD - Operations and Commissioning

Contribution ID: 113

Type: **not specified**

## **"Measurement of transverse beam emittance for a high-intensity proton injector"**

*Thursday 12 October 2023 11:05 (15 minutes)*

**Presenter:** KIM, DongHwan

**Session Classification:** WGB - Beam Dynamics in Linacs

Contribution ID: 114

Type: **not specified**

## **"Comparison of longitudinal emittance of various RFQs"**

*Thursday 12 October 2023 11:30 (15 minutes)*

**Presenter:** COMUNIAN, Michele (INFN/LNL)

**Session Classification:** WGB - Beam Dynamics in Linacs

Contribution ID: 115

Type: **not specified**

## **"Matched Transport of Intense and Coupled Coasting Beams Through Quadrupole Channels"**

*Thursday 12 October 2023 11:55 (15 minutes)*

**Presenters:** Dr XIAO, Chen; XIAO, Chen (GSI)

**Session Classification:** WGB - Beam Dynamics in Linacs

Contribution ID: 116

Type: **not specified**

## **"Alternating Phase Focusing Under Influence of Space Charge Defocusing"**

*Thursday 12 October 2023 12:20 (15 minutes)*

**Presenter:** LAUBER, Simon (HIM)

**Session Classification:** WGB - Beam Dynamics in Linacs

Contribution ID: 117

Type: **not specified**

## **"Non-Invasive Transverse Profile Measurement Methods"**

*Thursday 12 October 2023 11:05 (20 minutes)*

**Presenters:** THURMAN-KEUP, Randy Michael (Fermilab); THURMAN-KEUP, Randy (Fermilab)

**Session Classification:** WGE - Beam Instrumentation and Intercepting Devices

Contribution ID: 118

Type: **not specified**

## "Extraction of LHC Beam Parameters from Schottky Signals"

*Thursday 12 October 2023 11:35 (20 minutes)*

**Presenters:** LASOCHA, Kacper (CERN); LASOCHA, Kacper (CERN)

**Session Classification:** WGE - Beam Instrumentation and Intercepting Devices

Contribution ID: 119

Type: **not specified**

## **"Spectral modification for BTF-based tune measurements of beam close to a 3rd-order resonance"**

*Thursday 12 October 2023 12:05 (20 minutes)*

**Presenter:** CORTES GARCIA, Edgar Cristopher (DESY)

**Session Classification:** WGE - Beam Instrumentation and Intercepting Devices



Contribution ID: 120

Type: **not specified**

## **"Shower Simulations for the Cern Proton Synchrotron Internal Dump and Comparison With Beam Loss Monitor Data"**

*Thursday 12 October 2023 12:35 (15 minutes)*

**Presenters:** Dr NIANG, Samuel (CERN); NIANG, Samuel (CERN)

**Session Classification:** WGE - Beam Instrumentation and Intercepting Devices

Contribution ID: 121

Type: **not specified**

## **"Status of the IOTA proton injector"**

*Friday 13 October 2023 09:00 (20 minutes)*

**Presenter:** ROMANOV, Alexander Leonidovich (Fermilab)

**Session Classification:** WGD - Operations and Commissioning

Contribution ID: 122

Type: **not specified**

## **"Design and Beam Commissioning of Dual Harmonic RF System in CSNS RCS for the 140 kW Operation"**

*Friday 13 October 2023 09:30 (20 minutes)*

**Presenter:** LIUHY, 刘汉阳

**Session Classification:** WGD - Operations and Commissioning

Contribution ID: 123

Type: **not specified**

## "EIC beam cooling"

**Presenter:** LITVINENKO, Vladimir

**Session Classification:** WGD - Operations and Commissioning

Contribution ID: 124

Type: **not specified**

## **"New techniques method for improving the performance of the ALPI Linac"**

*Friday 13 October 2023 10:00 (15 minutes)*

**Presenter:** BELLAN, Luca (INFN/LNL)

**Session Classification:** WGD - Operations and Commissioning

Contribution ID: 125

Type: **not specified**

## **"The Beam Destinations for the commissioning of the ESS high power normal conducting linac"**

*Friday 13 October 2023 09:00 (20 minutes)*

**Presenter:** Dr DONEGANI, Elena (European Spallation Source)

**Session Classification:** WGE - Beam Instrumentation and Intercepting Devices

Contribution ID: 126

Type: **not specified**

## **"High beam current operation with beam diagnostics at LIPAc"**

*Friday 13 October 2023 09:30 (20 minutes)*

**Presenter:** KWON, Saerom (QST Rokkasho)

**Session Classification:** WGE - Beam Instrumentation and Intercepting Devices

Contribution ID: 127

Type: **not specified**

## **"Devices for high-efficiency slow extraction at J-PARC Main Ring"**

*Friday 13 October 2023 10:00 (20 minutes)*

**Presenters:** MUTO, Ryotaro (KEK); MUTO, Ryotaro (KEK)

**Session Classification:** WGE - Beam Instrumentation and Intercepting Devices



Contribution ID: **128**

Type: **not specified**

## **WG-A short summary**

*Friday 13 October 2023 11:05 (10 minutes)*

**Presenters:** RUMOLO, Giovanni (CERN); VAY, Jean-Luc; WANGN, WANG Na

**Session Classification:** Summaries, announcement of HB-2025 and closing

Contribution ID: **129**

Type: **not specified**

## **WG-B short summary**

*Friday 13 October 2023 11:20 (10 minutes)*

**Presenters:** BOULY, Frédéric; ZHAO, Hongwei; EVANS, Nicholas

**Session Classification:** Summaries, announcement of HB-2025 and closing

Contribution ID: 130

Type: **not specified**

## WG-C short summary

*Friday 13 October 2023 11:35 (10 minutes)*

**Presenters:** HUANG, Haixin (Brookhaven National Lab); SAHA, Pranab (Japan Atomic Energy Agency, J-PARC Center); MACHIDA, Shinji (STFC/RAL)

**Session Classification:** Summaries, announcement of HB-2025 and closing

Contribution ID: 131

Type: **not specified**

## WG-D short summary

*Friday 13 October 2023 11:50 (10 minutes)*

**Presenters:** BAI, Mei; MILAS, Natalia (European Spallation Source); WANG, Sheng

**Session Classification:** Summaries, announcement of HB-2025 and closing

Contribution ID: 132

Type: **not specified**

## **WG-E short summary**

*Friday 13 October 2023 12:05 (10 minutes)*

**Presenters:** SATOU, Kenichirou; HURH, Patrick; FORCK, Peter

**Session Classification:** Summaries, announcement of HB-2025 and closing

Contribution ID: 133

Type: **not specified**

## **Announcement of HB-2025**

*Friday 13 October 2023 12:20 (10 minutes)*

**Session Classification:** Summaries, announcement of HB-2025 and closing

Contribution ID: 134

Type: **not specified**

## Closing

*Friday 13 October 2023 12:35 (10 minutes)*

**Presenters:** METRAL, Elias (CERN); Dr GILARDONI, Simone (CERN)

**Session Classification:** Summaries, announcement of HB-2025 and closing

Contribution ID: 135

Type: **not specified**

## Discussion

*Thursday 12 October 2023 12:35 (25 minutes)*

**Session Classification:** WGB - Beam Dynamics in Linacs



Contribution ID: 136

Type: **not specified**

## "Probing Transverse Impedances in the High Frequency Range at the CERN-SPS"

*Thursday 12 October 2023 14:20 (4 minutes)*

**Presenter:** DE LA FUENTE GARCIA, Elena (Universidad Politecnica de Madrid (ES))

**Session Classification:** Flash Presentations

Contribution ID: 137

Type: **not specified**

## **"Resonance Extraction Research Based on China Spallation Neutron Source"**

*Thursday 12 October 2023 14:25 (4 minutes)*

**Presenter:** AN, Yuwen

**Session Classification:** Flash Presentations

Contribution ID: 138

Type: **not specified**

## **"Measurement of Stability Diagram at IOTA at Fermilab"**

*Thursday 12 October 2023 14:30 (4 minutes)*

**Presenter:** BOSSARD, Mary Kate

**Session Classification:** Flash Presentations

Contribution ID: 139

Type: **not specified**

## **"Investigation of tail-dominated instability in the Fermilab recycler ring"**

*Thursday 12 October 2023 14:35 (4 minutes)*

**Presenter:** MOHSEN, Osama

**Session Classification:** Flash Presentations

Contribution ID: 140

Type: **not specified**

## **"A wireless method for beam coupling impedance measurements of the LHC goniometer"**

*Thursday 12 October 2023 14:40 (4 minutes)*

**Presenter:** ANTUONO, Chiara (Sapienza Universita e INFN, Roma I (IT))

**Session Classification:** Flash Presentations

Contribution ID: 141

Type: **not specified**

## **"Beam Dynamics Study of a 400 kW D+ Linear Accelerator to Generate Fusion-Like Neutrons for Breeding Blanket Tests in Korea"**

*Thursday 12 October 2023 14:45 (4 minutes)*

**Presenter:** CHUNG, Moses

**Session Classification:** Flash Presentations

Contribution ID: 142

Type: **not specified**

## **"Preliminary Results on Transverse Phase Space Tomography at KOMAC"**

*Thursday 12 October 2023 14:50 (4 minutes)*

**Presenter:** LEE, Seunghyun

**Session Classification:** Flash Presentations

Contribution ID: 143

Type: **not specified**

## **"Performance of the Ion Chain at the CERN Injector Complex and Transmission Studies During the 2023 Slip Stacking Commissioning"**

*Thursday 12 October 2023 14:55 (4 minutes)*

**Presenter:** SLUPECKI, Maciej (CERN)

**Session Classification:** Flash Presentations



Contribution ID: 144

Type: **not specified**

## "Optimizing Beam Dynamics in LHC with Active Deep Learning"

*Thursday 12 October 2023 15:00 (4 minutes)*

**Presenters:** DI CROCE, Davide (EPFL - Ecole Polytechnique Federale Lausanne (CH)); DI CROCE, Davide

**Session Classification:** Flash Presentations

Contribution ID: 145

Type: **not specified**

## ”Stripline design of a Fast Faraday Cup for the bunch length measurement at ISOLDE-ISRS”

*Thursday 12 October 2023 15:05 (4 minutes)*

**Presenter:** BUSTINDUY, Ibon

**Session Classification:** Flash Presentations

Contribution ID: 146

Type: **not specified**

## **"FPGA-based digital IQ demodulator used in the beam position monitors for HIAF BRing"**

*Thursday 12 October 2023 15:10 (4 minutes)*

**Presenter:** NI, Fafu

**Session Classification:** Flash Presentations

Contribution ID: 147

Type: **not specified**

## **"Rainbow" Storage Ring Nuclear Transmutation with Spin Control Capability**

**Presenter:** TALMAN, Richard (Cornell University)

**Session Classification:** Seminar

Contribution ID: **148**

Type: **not specified**

## **Discussion**

**Session Classification:** Seminar

Contribution ID: **149**

Type: **not specified**

## Discussion

*Tuesday 10 October 2023 18:45 (15 minutes)*

**Session Classification:** WGC - Accelerator Systems

Contribution ID: **150**

Type: **not specified**

## **Discussion**

*Tuesday 10 October 2023 18:45 (15 minutes)*

**Session Classification:** WGD - Operations and Commissioning

Contribution ID: **151**

Type: **not specified**

## **Discussion**

*Wednesday 11 October 2023 18:35 (25 minutes)*

**Session Classification:** WGB - Beam Dynamics in Linacs



Contribution ID: 152

Type: **not specified**

## Discussion

*Wednesday 11 October 2023 18:35 (25 minutes)*

**Session Classification:** WGC - Accelerator Systems

Contribution ID: 153

Type: **not specified**

## Discussion

*Tuesday 10 October 2023 09:15 (10 minutes)*

**Session Classification:** WGA - Beam Dynamics in Rings

Contribution ID: 154

Type: **not specified**

## Discussion

*Tuesday 10 October 2023 09:45 (10 minutes)*

**Session Classification:** WGA - Beam Dynamics in Rings

Contribution ID: 155

Type: **not specified**

## Discussion

*Tuesday 10 October 2023 10:10 (10 minutes)*

**Session Classification:** WGA - Beam Dynamics in Rings

Contribution ID: **156**

Type: **not specified**

## **Discussion**

*Tuesday 10 October 2023 10:35 (10 minutes)*

**Session Classification:** WGA - Beam Dynamics in Rings

Contribution ID: **157**

Type: **not specified**

## **Discussion**

*Tuesday 10 October 2023 09:15 (10 minutes)*

**Session Classification:** WGB - Beam Dynamics in Linacs

Contribution ID: **158**

Type: **not specified**

## Discussion

*Tuesday 10 October 2023 09:45 (10 minutes)*

**Session Classification:** WGB - Beam Dynamics in Linacs

Contribution ID: **159**

Type: **not specified**

## Discussion

*Tuesday 10 October 2023 10:10 (10 minutes)*

**Session Classification:** WGB - Beam Dynamics in Linacs



Contribution ID: **160**

Type: **not specified**

## Discussion

*Tuesday 10 October 2023 10:35 (10 minutes)*

**Session Classification:** WGB - Beam Dynamics in Linacs

Contribution ID: **161**

Type: **not specified**

## Discussion

*Tuesday 10 October 2023 11:25 (10 minutes)*

**Session Classification:** WGA - Beam Dynamics in Rings

Contribution ID: **162**

Type: **not specified**

## Discussion

*Tuesday 10 October 2023 11:55 (10 minutes)*

**Session Classification:** WGA - Beam Dynamics in Rings

Contribution ID: **163**

Type: **not specified**

## Discussion

*Tuesday 10 October 2023 12:20 (10 minutes)*

**Session Classification:** WGA - Beam Dynamics in Rings

Contribution ID: **164**

Type: **not specified**

## Discussion

*Tuesday 10 October 2023 12:45 (10 minutes)*

**Session Classification:** WGA - Beam Dynamics in Rings

Contribution ID: **165**

Type: **not specified**

## Discussion

*Tuesday 10 October 2023 11:25 (10 minutes)*

**Session Classification:** WGB - Beam Dynamics in Linacs

Contribution ID: **166**

Type: **not specified**

## **Discussion**

*Tuesday 10 October 2023 11:55 (10 minutes)*

**Session Classification:** WGB - Beam Dynamics in Linacs

Contribution ID: **167**

Type: **not specified**

## Discussion

*Tuesday 10 October 2023 12:20 (10 minutes)*

**Session Classification:** WGB - Beam Dynamics in Linacs



Contribution ID: **168**

Type: **not specified**

## Discussion

*Tuesday 10 October 2023 12:45 (10 minutes)*

**Session Classification:** WGB - Beam Dynamics in Linacs

Contribution ID: **169**

Type: **not specified**

## Discussion

*Tuesday 10 October 2023 14:40 (10 minutes)*

**Session Classification:** WGC - Accelerator Systems

Contribution ID: 170

Type: **not specified**

## Discussion

*Tuesday 10 October 2023 15:10 (10 minutes)*

**Session Classification:** WGC - Accelerator Systems

Contribution ID: 171

Type: **not specified**

## Discussion

*Tuesday 10 October 2023 15:40 (10 minutes)*

**Session Classification:** WGC - Accelerator Systems

Contribution ID: 172

Type: **not specified**

## Discussion

*Tuesday 10 October 2023 16:05 (10 minutes)*

**Session Classification:** WGC - Accelerator Systems

Contribution ID: 173

Type: **not specified**

## Discussion

*Tuesday 10 October 2023 16:30 (15 minutes)*

**Session Classification:** WGC - Accelerator Systems

Contribution ID: 174

Type: **not specified**

## Discussion

*Tuesday 10 October 2023 14:40 (10 minutes)*

**Session Classification:** WGD - Operations and Commissioning

Contribution ID: 175

Type: **not specified**

## Discussion

*Tuesday 10 October 2023 15:10 (10 minutes)*

**Session Classification:** WGD - Operations and Commissioning



Contribution ID: 176

Type: **not specified**

## Discussion

*Tuesday 10 October 2023 15:40 (10 minutes)*

**Session Classification:** WGD - Operations and Commissioning

Contribution ID: 177

Type: **not specified**

## Discussion

*Tuesday 10 October 2023 16:10 (10 minutes)*

**Session Classification:** WGD - Operations and Commissioning

Contribution ID: 178

Type: **not specified**

## Discussion

*Tuesday 10 October 2023 16:35 (10 minutes)*

**Session Classification:** WGD - Operations and Commissioning

Contribution ID: 179

Type: **not specified**

## Discussion

*Tuesday 10 October 2023 17:25 (10 minutes)*

**Session Classification:** WGC - Accelerator Systems

Contribution ID: **180**

Type: **not specified**

## Discussion

*Tuesday 10 October 2023 17:55 (10 minutes)*

**Session Classification:** WGC - Accelerator Systems

Contribution ID: **181**

Type: **not specified**

## **Discussion**

*Tuesday 10 October 2023 18:20 (10 minutes)*

**Session Classification:** WGC - Accelerator Systems

Contribution ID: **182**

Type: **not specified**

## **Discussion**

*Tuesday 10 October 2023 17:25 (10 minutes)*

**Session Classification:** WGD - Operations and Commissioning

Contribution ID: **183**

Type: **not specified**

## **Discussion**

*Tuesday 10 October 2023 17:55 (10 minutes)*

**Session Classification:** WGD - Operations and Commissioning



Contribution ID: **184**

Type: **not specified**

## **Discussion**

*Tuesday 10 October 2023 18:20 (10 minutes)*

**Session Classification:** WGD - Operations and Commissioning

Contribution ID: **185**

Type: **not specified**

## **Discussion**

*Wednesday 11 October 2023 09:15 (10 minutes)*

**Session Classification:** WGA - Beam Dynamics in Rings

Contribution ID: **186**

Type: **not specified**

## Discussion

*Wednesday 11 October 2023 09:45 (10 minutes)*

**Session Classification:** WGA - Beam Dynamics in Rings

Contribution ID: **187**

Type: **not specified**

## **Discussion**

*Wednesday 11 October 2023 10:10 (10 minutes)*

**Session Classification:** WGA - Beam Dynamics in Rings

Contribution ID: **188**

Type: **not specified**

## **Discussion**

*Wednesday 11 October 2023 10:35 (10 minutes)*

**Session Classification:** WGA - Beam Dynamics in Rings

Contribution ID: **189**

Type: **not specified**

## **Discussion**

*Wednesday 11 October 2023 09:15 (10 minutes)*

**Session Classification:** WGE - Beam Instrumentation and Intercepting Devices

Contribution ID: **190**

Type: **not specified**

## **Discussion**

*Wednesday 11 October 2023 09:40 (10 minutes)*

**Session Classification:** WGE - Beam Instrumentation and Intercepting Devices

Contribution ID: **191**

Type: **not specified**

## **Discussion**

*Wednesday 11 October 2023 10:10 (10 minutes)*

**Session Classification:** WGE - Beam Instrumentation and Intercepting Devices



Contribution ID: **192**

Type: **not specified**

## **Discussion**

*Wednesday 11 October 2023 10:35 (10 minutes)*

**Session Classification:** WGE - Beam Instrumentation and Intercepting Devices

Contribution ID: **193**

Type: **not specified**

## **Discussion**

*Wednesday 11 October 2023 11:25 (10 minutes)*

**Session Classification:** WGA - Beam Dynamics in Rings

Contribution ID: **194**

Type: **not specified**

## **Discussion**

*Wednesday 11 October 2023 11:55 (10 minutes)*

**Session Classification:** WGA - Beam Dynamics in Rings

Contribution ID: **195**

Type: **not specified**

## **Discussion**

*Wednesday 11 October 2023 12:20 (10 minutes)*

**Session Classification:** WGA - Beam Dynamics in Rings

Contribution ID: **196**

Type: **not specified**

## **Discussion**

*Wednesday 11 October 2023 12:45 (10 minutes)*

**Session Classification:** WGA - Beam Dynamics in Rings

Contribution ID: **197**

Type: **not specified**

## **Discussion**

*Wednesday 11 October 2023 11:25 (10 minutes)*

**Session Classification:** WGE - Beam Instrumentation and Intercepting Devices

Contribution ID: **198**

Type: **not specified**

## **Discussion**

*Wednesday 11 October 2023 11:50 (10 minutes)*

**Session Classification:** WGE - Beam Instrumentation and Intercepting Devices

Contribution ID: **199**

Type: **not specified**

## **Discussion**

*Wednesday 11 October 2023 12:20 (10 minutes)*

**Session Classification:** WGE - Beam Instrumentation and Intercepting Devices



Contribution ID: **200**

Type: **not specified**

## **Discussion**

*Wednesday 11 October 2023 12:45 (10 minutes)*

**Session Classification:** WGE - Beam Instrumentation and Intercepting Devices

Contribution ID: **201**

Type: **not specified**

## **Discussion**

*Wednesday 11 October 2023 14:40 (10 minutes)*

**Session Classification:** WGB - Beam Dynamics in Linacs

Contribution ID: **202**

Type: **not specified**

## **Discussion**

*Wednesday 11 October 2023 15:10 (10 minutes)*

**Session Classification:** WGB - Beam Dynamics in Linacs

Contribution ID: **203**

Type: **not specified**

## **Discussion**

*Wednesday 11 October 2023 15:35 (10 minutes)*

**Session Classification:** WGB - Beam Dynamics in Linacs

Contribution ID: **204**

Type: **not specified**

## **Discussion**

*Wednesday 11 October 2023 16:00 (10 minutes)*

**Session Classification:** WGB - Beam Dynamics in Linacs

Contribution ID: **205**

Type: **not specified**

## **Discussion**

*Wednesday 11 October 2023 16:25 (10 minutes)*

**Session Classification:** WGB - Beam Dynamics in Linacs

Contribution ID: **206**

Type: **not specified**

## **Discussion**

*Wednesday 11 October 2023 14:40 (10 minutes)*

**Session Classification:** WGC - Accelerator Systems

Contribution ID: **207**

Type: **not specified**

## **Discussion**

*Wednesday 11 October 2023 15:10 (10 minutes)*

**Session Classification:** WGC - Accelerator Systems



Contribution ID: **208**

Type: **not specified**

## **Discussion**

*Wednesday 11 October 2023 15:35 (10 minutes)*

**Session Classification:** WGC - Accelerator Systems

Contribution ID: **209**

Type: **not specified**

## **Discussion**

*Wednesday 11 October 2023 16:00 (10 minutes)*

**Session Classification:** WGC - Accelerator Systems

Contribution ID: **210**

Type: **not specified**

## Discussion

*Wednesday 11 October 2023 16:25 (10 minutes)*

**Session Classification:** WGC - Accelerator Systems

Contribution ID: **211**

Type: **not specified**

## **Discussion**

*Wednesday 11 October 2023 17:15 (10 minutes)*

**Session Classification:** WGB - Beam Dynamics in Linacs

Contribution ID: **212**

Type: **not specified**

## **Discussion**

*Wednesday 11 October 2023 17:45 (10 minutes)*

**Session Classification:** WGB - Beam Dynamics in Linacs

Contribution ID: **213**

Type: **not specified**

## **Discussion**

*Wednesday 11 October 2023 18:10 (10 minutes)*

**Session Classification:** WGB - Beam Dynamics in Linacs

Contribution ID: **214**

Type: **not specified**

## Discussion

*Wednesday 11 October 2023 17:15 (10 minutes)*

**Session Classification:** WGC - Accelerator Systems

Contribution ID: 215

Type: **not specified**

## Discussion

*Wednesday 11 October 2023 17:45 (10 minutes)*

**Session Classification:** WGC - Accelerator Systems



Contribution ID: **216**

Type: **not specified**

## **Discussion**

*Wednesday 11 October 2023 18:10 (10 minutes)*

**Session Classification:** WGC - Accelerator Systems

Contribution ID: 217

Type: **not specified**

## Discussion

*Thursday 12 October 2023 09:10 (10 minutes)*

**Session Classification:** WGA - Beam Dynamics in Rings

Contribution ID: **218**

Type: **not specified**

## Discussion

*Thursday 12 October 2023 09:40 (10 minutes)*

**Session Classification:** WGA - Beam Dynamics in Rings

Contribution ID: **219**

Type: **not specified**

## Discussion

*Thursday 12 October 2023 10:10 (10 minutes)*

**Session Classification:** WGA - Beam Dynamics in Rings

Contribution ID: **220**

Type: **not specified**

## Discussion

*Thursday 12 October 2023 10:35 (10 minutes)*

**Session Classification:** WGA - Beam Dynamics in Rings

Contribution ID: **221**

Type: **not specified**

## **Discussion**

*Thursday 12 October 2023 09:10 (10 minutes)*

**Session Classification:** WGD - Operations and Commissioning

Contribution ID: 222

Type: **not specified**

## Discussion

*Thursday 12 October 2023 09:40 (10 minutes)*

**Session Classification:** WGD - Operations and Commissioning

Contribution ID: 223

Type: **not specified**

## Discussion

*Thursday 12 October 2023 10:10 (10 minutes)*

**Session Classification:** WGD - Operations and Commissioning



Contribution ID: 224

Type: **not specified**

## Discussion

*Thursday 12 October 2023 10:35 (10 minutes)*

**Session Classification:** WGD - Operations and Commissioning

Contribution ID: 225

Type: **not specified**

## Discussion

*Thursday 12 October 2023 11:20 (10 minutes)*

**Session Classification:** WGB - Beam Dynamics in Linacs

Contribution ID: 226

Type: **not specified**

## Discussion

*Thursday 12 October 2023 11:45 (10 minutes)*

**Session Classification:** WGB - Beam Dynamics in Linacs

Contribution ID: 227

Type: **not specified**

## Discussion

*Thursday 12 October 2023 12:10 (10 minutes)*

**Session Classification:** WGB - Beam Dynamics in Linacs

Contribution ID: 228

Type: **not specified**

## Discussion

*Thursday 12 October 2023 11:25 (10 minutes)*

**Session Classification:** WGE - Beam Instrumentation and Intercepting Devices

Contribution ID: **229**

Type: **not specified**

## **Discussion**

*Thursday 12 October 2023 11:55 (10 minutes)*

**Session Classification:** WGE - Beam Instrumentation and Intercepting Devices

Contribution ID: **230**

Type: **not specified**

## **Discussion**

*Thursday 12 October 2023 12:25 (10 minutes)*

**Session Classification:** WGE - Beam Instrumentation and Intercepting Devices

Contribution ID: **231**

Type: **not specified**

## **Discussion**

*Thursday 12 October 2023 12:50 (10 minutes)*

**Session Classification:** WGE - Beam Instrumentation and Intercepting Devices



Contribution ID: 232

Type: **not specified**

## Discussion

*Friday 13 October 2023 09:20 (10 minutes)*

**Session Classification:** WGD - Operations and Commissioning

Contribution ID: 233

Type: **not specified**

## Discussion

*Friday 13 October 2023 09:50 (10 minutes)*

**Session Classification:** WGD - Operations and Commissioning

Contribution ID: 234

Type: **not specified**

## Discussion

**Session Classification:** WGD - Operations and Commissioning

Contribution ID: 235

Type: **not specified**

## Discussion

*Friday 13 October 2023 10:15 (30 minutes)*

**Session Classification:** WGD - Operations and Commissioning

Contribution ID: 236

Type: **not specified**

## Discussion

*Friday 13 October 2023 09:20 (10 minutes)*

**Session Classification:** WGE - Beam Instrumentation and Intercepting Devices

Contribution ID: 237

Type: **not specified**

## Discussion

*Friday 13 October 2023 09:50 (10 minutes)*

**Session Classification:** WGE - Beam Instrumentation and Intercepting Devices

Contribution ID: 238

Type: **not specified**

## Discussion

*Friday 13 October 2023 10:20 (25 minutes)*

**Session Classification:** WGE - Beam Instrumentation and Intercepting Devices

Contribution ID: 239

Type: **not specified**

## Poster session during the cocktail

*Thursday 12 October 2023 17:30 (2h 20m)*

**Session Classification:** BFM (poster session during the cocktail + concert + banquet)



Contribution ID: 240

Type: **not specified**

## Short speech (Elias)

*Thursday 12 October 2023 19:50 (10 minutes)*

**Session Classification:** BFM (poster session during the cocktail + concert + banquet)

Contribution ID: **241**

Type: **not specified**

## **Concert**

*Thursday 12 October 2023 20:00 (30 minutes)*

**Session Classification:** BFM (poster session during the cocktail + concert + banquet)

Contribution ID: 242

Type: **not specified**

## **Banquet**

*Thursday 12 October 2023 20:30 (2h 30m)*

**Session Classification:** BFM (poster session during the cocktail + concert + banquet)