MEDSI 2023 Poster Sessions

TUPYP: Young Delegate Poster Session TUPYP

Tuesday 07-NOV-23 16:10 - 17:30

China Hall 3

TUPYP001 Shining Light on Precision: Unraveling X-ray Beam Positioning Monitors at the Australian Synchrotron

Becky Lin - Australian Synchrotron - ANSTO

TUPYP002 Equipment Protection Shutter for the Sirius Beamlines Pre Front Ends

Lucas Cordeiro De Arruda - Brazilian Synchrotron Light Laboratory

TUPYP004 A Setup for the Evaluation of Thermal Contact Resistance at Cryogenic Temperatures Under Controlled Pressure Rates

Bárbara de Abreu Francisco - Brazilian Synchrotron Light Laboratory

TUPYP005 On the Performance of Cryogenic Cooling Systems for Optical Elements at Sirius/LNLS

Bárbara de Abreu Francisco - Brazilian Synchrotron Light Laboratory

TUPYP006 Rhizomicrocosm Setup for in Vivo Soil-plant Interaction Studies at the TARUMA Station of the CARNAUBA Beamline

Rodrigo Cesar Gomes - Brazilian Synchrotron Light Laboratory

TUPYP007 Development of a Multi-Capillary Sample Holder with Peltier-Based Temperature Control for the CATERETÊ Beamline at Sirius

Rafael Claudiano Moraes - Brazilian Synchrotron Light Laboratory

TUPYP008 Exactly Constrained, High Heat Absorbent Design for SABIA's First Mirror

Vinicius Batista Zilli - Brazilian Synchrotron Light Laboratory

TUPYP009 The Design of an Exactly Constrained Bender Mechanism for JATOBÁ Beamline

Vinicius Batista Zilli - Brazilian Synchrotron Light Laboratory

TUPYP010 A Novel Coating to Avoid Corrosion Effect and Vibration Coupling Between Eutectic Gallium-Indium Alloy and Heat Sink Metal for X-Ray Optics Cooling

Tian He - Chinese Academy of Sciences Institute of High Energy Physics

TUPYP011 Design of New Crystal Attitude Adjustment Module

Dashan Shen - Chinese Academy of Sciences Institute of High Energy Physics Beijing Synchrotron Radiation Laboratory

TUPYP012 Mechanical Design of Water-cooled White Beam Collimating Bent Mirror System at HEPS

Jianye Wang - Chinese Academy of Sciences Institute of High Energy Physics

TUPYP013 Highly Efficient Thermal Deformation Optimization Method for Smart-Cut Mirrors over the Entire Photon Energy Range

Shaofeng Wang - Chinese Academy of Sciences Institute of High Energy Physics

TUPYP014 Experimental Test of Flow and Heat Transfer Characteristics of the Absorber Cooling Structure in Front-Ends

Shaofeng Wang - Chinese Academy of Sciences Institute of High Energy Physics

TUPYP015 Investigation of Vibrations Attenuation with Different Frequency Along HEPS Ground

Yuning Yang - Chinese Academy of Sciences Institute of High Energy Physics

TUPYP016 Quick Scanning Verification of a Monochromator Spindle Based Servo Control at BSRF

Liu Zekuan - Chinese Academy of Sciences Institute of High Energy Physics Beijing Synchrotron Radiation Laboratory

TUPYP017 Precision Mechanical Design of a High Resolution Monochromator at the HEPS

Lu Zhang - Chinese Academy of Sciences Institute of High Energy Physics

TUPYP018 Design and Improvements of a Cryo-Cooled Horizontal Diffracting Double Crystal Monochromator at HEPS

Yunsheng Zhang - Chinese Academy of Sciences Institute of High Energy Physics Beijing Synchrotron Radiation Laboratory

TUPYP019 Optical Metrology of High Energy Photon Source

Changrui Zhang - Chinese Academy of Sciences Institute of High Energy Physics Beijing Synchrotron Radiation Laboratory

TUPYP020 Optimization of Rotating Coil System for Magnetic Center Measurement and Its Application in High Energy Photon Source

Luyan Zhang - Chinese Academy of Sciences Institute of High Energy Physics

TUPYP021 Development and improvement of HEPS Mover

Shu Yang - Institute of High Energy Physics Chinese Academy of Sciences Accelerator Division

TUPYP022 The Development and Application of Motion Control System for Heps Beamline

Zongyang Yue - Institute of High Energy Physics Chinese Academy of Sciences Accelerator Division

TUPYP023 Design of a Long Versatile Detector Tube System for Pink Beam Small-Angle X-Ray Scattering (SAXS) Beamline at HEPS

Zhaoqiang Cui - Institute of High Energy Physics Chinese Academy of Sciences Experimental Physics Center

TUPYP024 Study of the TiZrV Getter Film Deposited on the Inner Surface of HEPS Undulator Vacuum Tube

Bangle Zhu - Institute of High Energy Physics China Spallation Neutron Source

TUPYP025 Thermal Analysis of Crotch Absorbers Designed for Hefei Advanced Light Facility

Baoyuan Bian - University of Science and Technology of China National Synchrotron Radiation Laboratory

TUPYP026 Influence of the Groove Curvature on the Spectral Resolution in a Varied-line-spacing Plane Grating Monochromator (VLS-PGM)

Jingjing Du - University of Science and Technology of China National Synchrotron Radiation Laboratory

TUPYP027 A Subnanometer Linear Displacement Actuator

Shuaikang Jiang - University of Science and Technology of China National Synchrotron Radiation Laboratory

TUPYP028 Deformation

Minghao Lin - University of Science and Technology of China National Synchrotron Radiation Laboratory

TUPYP029 The Study on NEG Thin Film Coated by DC Magnetron Sputtering Based on COMSOL

Wenjing Ma - University of Science and Technology of China National Synchrotron Radiation Laboratory

TUPYP030 The Design of High Stability Double Crystal Monochromator for HALF

Zhanglang Xu - University of Science and Technology of China National Synchrotron Radiation Laboratory

TUPYP031 Vibrational Stability of a High-Resolution Grating Monochromator at HALF

Zhanglang Xu - University of Science and Technology of China National Synchrotron Radiation Laboratory

TUPYP032 An Argon-Oxygen or Argon-Hydrogen Radio-Frequency Plasma Cleaning Device for Removing Carbon Contamination from Optical Surfaces

Hongjun Yuan - University of Science and Technology of China National Synchrotron Radiation Laboratory

TUPYP033 Influence of Atmospheric Storage on Secondary Electron Emission of Laser-etched Copper

Wenli Zhang - University of Science and Technology of China National Synchrotron Radiation Laboratory

TUPYP034 A New Design of X-ray White Beam Profile Monitor for HEPS Beamlines

Qihui Duan - Institute of High Energy Physics Center for Multi-disciplinary Research

TUPYP035 Mechanical Design of Compensation Device Using 1D CRL for Wavefront Deformation at HEPS

Xiaohui Kuang - Institute of High Energy Physics Center for Multi-disciplinary Research

TUPYP036 Mechanical Design of Water-cooled Slits System at HEPS

Zhe Li - Institute of High Energy Physics Center for Multi-disciplinary Research

TUPYP037 Mechanical Design of Multilayer Kirkpatrick-Baez (KB) Mirror System for Structural Dynamics Beamline (SDB) at High Energy Photon Source (HEPS)

Ruiying Liao - Institute of High Energy Physics Center for Multi-disciplinary Research

TUPYP038 A Design of an X-ray Pink Beam Integrated shutter for HEPS

Guang Mo - Chinese Academy of Sciences Institute of High Energy Physics Beijing Synchrotron Radiation Laboratory

TUPYP039 A Design of an X-ray Monochromatic Adjustable Slit for HEPS Beamlines

Qingfu Han - Chinese Academy of Sciences Institute of High Energy Physics Beijing Synchrotron Radiation Laboratory

TUPYP040 Experimental Setup Design of Hard X-ray Coherent Scattering (HXCS) Beamline at HEPS

Zina Ou - Institute of High Energy Physics Center for Multi-disciplinary Research

TUPYP041 Design for Harmonic Suppression Mirrors Mechanical System with X-Ray Height Compensation Function at HEPS

Zhongrui Ren - Institute of High Energy Physics Center for Multi-disciplinary Research

TUPYP042 Vacuum System Design of HEPS Beamlines

Ye Tian - Institute of High Energy Physics Center for Multi-disciplinary Research

TUPYP043 The Design of Test Beamline at HEPS

Junliang Yang - Institute of High Energy Physics Center for Multi-disciplinary Research

TUPYP044 Development of Typical Nano-KB/AKB Mirrors Mechanical System at HEPS

Haihan Yu - Institute of High Energy Physics Center for Multi-disciplinary Research

TUPYP045 Usability Study to Qualify a Maintenance Robotic System for Large Scale Experimental Facility

Jingyu Zhang - Institute of High Energy Physics

TUPYP046 Design and Test of Valve Box for HFRS Cryogenic Distribution System

Yue Cheng - Lanzhou University of Technology

TUPYP047 Design of Liquid Injection Device for the Hard X-Ray Ultrafast Spectroscopy Experiment Station

Linghao Li - ShanghaiTech University School of Physical Science and Technology

TUPYP048 A High Repetition Rate Free-electron Laser Shutter System

Jiacheng Gu - ShanghaiTech University School of Physical Science and Technology

TUPYP049 The SILF Accelerator Controls Plan

Zize Zhou - Institute of Advanced Science Facilities

TUPYP050 Overall Design and Feasibility Study of Wals Storage Ring Vacuum System

Chengyin Liu - Wuhan University Institute for Advanced Studies

TUPYP051 Progress of WALS NEG Coating Equipment and Technology

Geng Wei - Wuhan University Institute for Advanced Studies

TUPYP052 An Application of Plant Ramification Structures to the Biomimetic Design of Girders for the Synchrotron Radiation Accelerator Storage Ring

Xiang Cao - Sun Yat-sen University Sino-French Institute of Nuclear Engineering and Technology

TUPYP053 Current Status of Vibration Monitoring System at SOLARIS

Marcel Piszak - National Synchrotron Radiation Centre Jagiellonian University

TUPYP054 Mechanical Design of the Beam Gas Ionisation for CERN Super Proton Synchrotron

Maria Teresa Ramos Garcia - European Organization for Nuclear Research

TUPYP055 Application of QXAFS in the Medium-Energy X-ray Absorption Spectroscopy

Yinghao Xia - Chinese Academy of Sciences Institute of High Energy Physics

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WEPPP: Poster Session WEPPP

08-NOV-23 Wednesday 16:10 - 17:30

China Hall 3

WEPPP001 Development of the Sample Environment Gas Delivery System for TARUMA Station

Rodrigo Cesar Gomes - Brazilian Synchrotron Light Laboratory

WEPPP002 The Status of the High-Dynamic DCM-Lite for LNLS/Sirius

Guilherme Sobral de Albuquerque - Brazilian Synchrotron Light Laboratory

WEPPP004 High Heat Load Transfocator for New ID14 ESRF Beamline

Laurent Eybert - European Synchrotron Radiation Facility

WEPPP005 Design and Performance Enhancement of a Compact Monochromator as an SX-700 Successor with Retained Optics and Enhanced Drives

Frank Eggenstein - Helmholtz-Zentrum Berlin für Materialien und Energie GmbH Elektronen-Speicherring BESSY II

WEPPP006 Setup for a Combined XEOL and XAFS Spectroscopy Measurement at the X-Ray Absorption Spectroscopy Beamline P65 of Petra III

Regina Biller - Deutsches Elektronen-Synchrotron

WEPPP008 Flexible X-Ray Focusing Using CRL Transfocators for GI-SAXS/WAXS Experiments

Jan Josua Rubeck - Deutsches Elektronen-Synchrotron

WEPPP009 POLAR Synchrotron Diffractometer

Gheorghe Olea - HUBER Diffraktiontechnik GmbH&Co.KG

WEPPP010 The MID Instrument of European XFEL: Upgrades and Experimental Setups

Gabriele Ansaldi - European XFEL GmbH

WEPPP011 Design and CNC Manufacturing of the Sample Holder for the Forward Scattering Fixed - Target (FFT) Chamber

Alexander Reich - European XFEL GmbH

WEPPP012 Multiple Detector Stage (MDS) at the Eu.XFEL_MID Instrument

Andreas Schmidt - European XFEL GmbH

WEPPP013 Mechanical Design and Integration of SXP Scientific Instrument at the European XFEL

Vahagn Vardanyan - European XFEL GmbH

WEPPP014 Research on High Quality Channel-Cut Crystal Optics for High Energy Photon Source

Zhen Hong - Chinese Academy of Sciences Institute of High Energy Physics Beijing Synchrotron Radiation Laboratory

WEPPP015 Progress of Front Ends at HEPS

Hong Shi - Chinese Academy of Sciences Institute of High Energy Physics Beijing Synchrotron Radiation Laboratory

WEPPP016 Mechanical Design of XRS & RIXS Multi-Functional Spectrometer at the High Energy Photon Source

Jiuchang Zhang - Chinese Academy of Sciences Institute of High Energy Physics Beijing Synchrotron Radiation Laboratory

WEPPP017 Radiation Shielding Design for Huts of HEPS Beamlines

Qingyang Guo - Institute of High Energy Physics Center for Multi-disciplinary Research

WEPPP018 Water-cooled Tungsten Bremsstrahlung Collimator with Adjustable Height for Adapting the Offset of Beamline

Zhiqiang Gao - Institute of High Energy Physics Center for Multi-disciplinary Research

WEPPP019 Coating Removal of Silicon-Based Optics in Synchrotron Radiation by Soluble Underlayers

Qingyan Hou - Institute of High Energy Physics Center for Multi-disciplinary Research

WEPPP020 A Photon Shutter with a Translational Switching Mechanism at HEPS

ping Luo - Institute of High Energy Physics Center for Multi-disciplinary Research

WEPPP021 A Novel Design of Front End Slits for Hard X-Ray Imaging Beamline in High Energy Photon Source

Yaxin Ma - Institute of High Energy Physics Center for Multi-disciplinary Research

WEPPP022 Structural Design of the First Optics Enclosure (FOE) and Hutch for High Energy Photon Source

Hao Sun - Institute of High Energy Physics Center for Multi-disciplinary Research

WEPPP023 Selection Calculation for the Absorbers of the Filter Equipment of HEPS

Heying Wang - Institute of High Energy Physics Center for Multi-disciplinary Research

WEPPP024 Mechanical Design of a Hard X-Ray Microscope for High-Resolution Ptychography

Keliang Liao - Jinan Hanjiang Opto-Electronics Technology Company Ltd.

WEPPP025 Application of CuCrZr in the Front-end of Shanghai Synchrotron Radiation Facility

Shuai Wu - Shanghai Advanced Research Institute Chinese Academy of Sciences

WEPPP026 Sample Holders and In Situ Cell Construction

Marcin Brzyski - National Synchrotron Radiation Centre Jagiellonian University

WEPPP027 Infrared Line Design

Marcin Brzyski - National Synchrotron Radiation Centre Jagiellonian University

WEPPP028 SOLARIS National Synchrotron Radiation Centre: The Infrastructure for Science and Industry

Pawel Jacek Nowak - National Synchrotron Radiation Centre Jagiellonian University

WEPPP029 A New Flexible Design of the FaXToR End Station, the New Tomography Beamline at ALBA

Llibert Ribó - ALBA-CELLS Synchrotron

WEPPP030 MicroMAX Detector Stage

Staffan Benedictsson - MAX IV Laboratory Lund University

WEPPP031 A Study Into the Long-Term Stability of Front-End X-Ray Beam Position Monitor Support Columns at Diamond Light Source

Claire Houghton - Diamond Light Source Diagnostics Department

WEPPP032 Photon Slits Prototype for High Beam Power Using Rotational Motions

Xia Liu - Diamond Light Source Ltd

WEPPP033 Commercial Diamond X-Ray Lenses: Current Status

Sergey P. Antipov - PALM Scientific

WEPPP034 Alba Experimental Set Up for the Evaluation of Thermal Contact Conductance Under Cryogenic and Vacuum Conditions

Marcos Quispe - ALBA-CELLS Synchrotron

WEPPP035 Design and Fluid Dynamics Study of a Recoverable Helium Sample Environment System for Optimal Data Quality in the New Microfocus MX Beamline at the ALBA Synchrotron Light Source

Marcos Quispe - ALBA-CELLS Synchrotron

WEPPP036 Temperature Control of Liquid Nitrogen Open Cycle Cyostats using Transfer Lines with Automatic Needle Valve of Cryogenic Optical Systems in Sirius/LNLS

Lucas Monteiro Volpe - Brazilian Synchrotron Light Laboratory

WEPPP037 Developments in Mirror Cooling via Peltier at Sirius/LNLS

Lucas Monteiro Volpe - Brazilian Synchrotron Light Laboratory

WEPPP038 Carbon Film for Copping the Electron Cloud and the Synchrotron-Radiation-Induced Heat Load

Yigang Wang - Chinese Academy of Sciences Institute of High Energy Physics

WEPPP039 XAFS Acquisition Scheme in a Novel Combined SAXS/XRD/XAFS Technique

Yunpeng Liu - Chinese Academy of Sciences Institute of High Energy Physics Beijing Synchrotron Radiation Laboratory

WEPPP040 Introduction to the Experimental Method of GIWAXS/GISAXS of Beijing Synchrotron Radiation 1W1A Diffuse Scattering Station

Yu Chen - Chinese Academy of Sciences Institute of High Energy Physics Beijing Synchrotron Radiation Laboratory

WEPPP041 The Joy of Vibration Mitigation

Jonathan Kelly - Diamond Light Source Ltd

WEPPP042 Application of Surface-Partially Nitrided High-Purity Ti as a Nonevaporable Getter for Synchrotron Radiation Beamline

Takashi Kikuchi - High Energy Accelerator Research Organization Institute of Materials Structure Science (IMSS) Photon Factory

WEPPP044 Development of High Power Density Photon Absorber for Super-Bend Sections in SSRF

Qisheng Tang - Shanghai Advanced Research Institute Chinese Academy of Sciences

WEPPP045 Particle-Free Engineering in SHINE Superconducting Linac Vacuum System

Yeliang Zhao - Shanghai Advanced Research Institute Chinese Academy of Sciences

WEPPP046 The Pumping Properties of Ti-Zr-V Non-Evaporable Getter Film Coated Vacuum Chambers

Jian Li - Wuhan University Institute for Advanced Studies

WEPPP047 Installation Process Experiment of HEPS Storage Ring Equipment

Chunhua Li - Chinese Academy of Sciences Institute of High Energy Physics

WEPPP048 The Fabrication of Bonding Channel-Cut Monochromatic Crystal

Qianshun Diao - Chinese Academy of Sciences Institute of High Energy Physics Beijing Synchrotron Radiation Laboratory

WEPPP049 Designs of Multiple Experimental Modes for Pink SAXS Station

Guang Mo - Chinese Academy of Sciences Institute of High Energy Physics Beijing Synchrotron Radiation Laboratory

WEPPP050 Quick Scanning Channel-Cut Monochromator for Millisecond in Situ

Yuanshu Lu - Chinese Academy of Sciences Institute of High Energy Physics Beijing Synchrotron Radiation Laboratory

WEPPP051 The Design of a 2 m Long Copper Light Extraction Vessel at Diamond Light Source for the Diamond-II Upgrade

Vahe Danielyan - Diamond Light Source Ltd

WEPPP052 The Mechanical Support System for Shenzhen Innovation Light-source Facility (SILF)

Zhen Yang - Institute of Advanced Science Facilities

WEPPP053 PAL-EUV Storage Ring Girder System Design, Manufacturing, and Installation

Beom Jun Kim - Pohang Accelerator Laboratory

WEPPP054 Vibration Analysis of Storage Ring Girder for Korea 4GSR

Gwang Wook Hong - Pohang Accelerator Laboratory

WEPPP055 Development of Photon Absorber for Multipurpose Synchrotron Radiation

Sangbong Lee - Pohang Accelerator Laboratory

WEPPP056 PAL-EUV Vacuum System

Dong Hyun Na - Pohang Accelerator Laboratory

WEPPP057 Development of Advanced Mirror Adjustment Device for Multipurpose Synchrotron Radiation

Sang Hun Kim - Pohang Accelerator Laboratory

WEPPP058 Permanent Magnets in SOLEIL II

Anthony Berlioux - Synchrotron Soleil

WEPPP059 Design of a High Stability Six Degrees of Freedom Precision Adjustable Mirror Box

Weiyun Zhou - University of Science and Technology of China

WEPPP060 Vacuum System for the Booster at HEPS

Pengcheng Wang - University of Science and Technology of China National Synchrotron Radiation Laboratory

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THPPP: Poster Session THPPP

09-NOV-23 Thursday 14:50 - 16:10

China Hall 3

THPPP001 Advancements in the Optimization Method using Thermal and Mechanical Simulations for Mirror Cooling via Peltier at Sirius/LNLS

Lucas Monteiro Volpe - Brazilian Synchrotron Light Laboratory

THPPP002 Analysis of Hazards in a Flammable Gas Experiment and Development of Testing Regime for a Polypropylene Vacuum Window

Xi Elen Li - Canadian Light Source Inc. University of Saskatchewan

THPPP003 FEM Simulations for a High Heat Load Mirror

Jörn Seltmann - Deutsches Elektronen-Synchrotron

THPPP005 Development of a Vacuum Box Disassembly and Assembly Handcart

Xiaojun Nie - Institute of High Energy Physics China Spallation Neutron Source

THPPP007 Optimizing Indirect Cooling of a High Accuracy Surface Plane Mirror in Plane-Grating Monochromator

Jie Chen - University of Science and Technology of China National Synchrotron Radiation Laboratory

THPPP008 Optimizing X-Ray Mirror Thermal Performance Using Cooling Based on In-Ga Eutectic in Bath

Jie Chen - University of Science and Technology of China National Synchrotron Radiation Laboratory

THPPP009 The Heat Load Calculation Software in Grating Based Beamline at Hefei Advanced Light Facility (HALF)

Zimeng Wang - University of Science and Technology of China National Synchrotron Radiation Laboratory

THPPP010 Mechanical Analysis and Test for Austenitic Stainless Steel Bolts of Beamline Flange Connection

Tingting Zhen - Shanghai Advanced Research Institute Chinese Academy of Sciences

THPPP011 Design and Simulation Optimization of Storage Ring Magnet Supports

Qingqing Huang - Institute of Advanced Science Facilities

THPPP012 Shape Optimization Design of Monochromator Pre-mirror in FEL-1 at S3FEL

Zhongmin Xu - Institute of Advanced Science Facilities

THPPP013 Studies on the Influences of Longitudinal Gradient Bending Magnet Fabrication Tolerances on the Field Quality for SILF Storage Ring

Jiawu Zhu - Institute of Advanced Science Facilities

THPPP014 A "Special-Shaped Copper Exchanger Cooling Scheme" for the White Beam Mirrors Under Ultra-High Heat Loads

Jiayin Liu - Institute of Advanced Science Facilities

THPPP015 Mechanical Design of A Novel Precise Secondary Source Slits

Xinxin Yan - Institute of Advanced Science Facilities

THPPP016 Numerical and Experimental Studies to Evaluate the Conservative Factor of the Convective Heat Transfer Coefficient Applied to the Design of Components in Particle Accelerators

Marcos Quispe - ALBA-CELLS Synchrotron

THPPP017 Beamline Components of Ultimate Stability and Precision

Wolfgang Diete - AXILON AG

THPPP018 Delta Robot 2.0: The Nano-Positioning System for the Hard X-ray Nanoprobe at the Australian Synchrotron.

Michela Semeraro - Australian Synchrotron - ANSTO

THPPP019 The Loading Chamber of the Sapoti Cryogenic Nanoprobe at the Carnauba Beamline at Sirius/LNLS

Rodrigo Cesar Gomes - Brazilian Synchrotron Light Laboratory

THPPP020 The Pre-Alignment of High Energy Photon Source Storage Ring

Shang Lu - Chinese Academy of Sciences Institute of High Energy Physics

THPPP021 Ultra-Stable and Multi-DOF Bent KB Mirror Mechanical System for Hard X-Ray High Energy Resolution Spectroscopy (HX-HERS) Beamline of HEPS

Ruzhen Xu - Chinese Academy of Sciences Institute of High Energy Physics

THPPP022 A Compact Direct Measurement Mehod for Relative Positioning of KB Mirrors Nano-Experimental Apparatus Based on Grating Interferometers

Shanzhi Tang - Chinese Academy of Sciences Institute of High Energy Physics Beijing Synchrotron Radiation Laboratory

THPPP023 Design and Test of Crystal Components in HDCM

Yang Yang - Chinese Academy of Sciences Institute of High Energy Physics Beijing Synchrotron Radiation Laboratory

THPPP024 Fast Setup Alignment of a Highly Mobile Experiment with a Raspberry Pi and a Beckhoff PLC and the Combination of the PLC to the DAQ.

Frank Scholz - Deutsches Elektronen-Synchrotron

THPPP025 Commissioning of the Intermediate Focus Setup at P04 at DESY

Frank Scholz - Deutsches Elektronen-Synchrotron

THPPP026 Motorized Universal Adjustment Platform For Micrometric Adjustment of Accelerator Components

Michel Noir - European Organization for Nuclear Research Beams Department (BE)

THPPP027 The Diminishing Effect of Increasing First Natural Frequency on the Real World Stability of Mirror Systems

Elliot Reece Jane - FMB Oxford

THPPP028 Modification of CSNS-II Injection Zone and Stripper Foil

Jia-Xin Chen - Institute of High Energy Physics China Spallation Neutron Source

THPPP029 Technologies Concerning Metal Seals of the UHV System for Accelerators

Huayan He - Institute of High Energy Physics Accelerator Center

THPPP032 Automatic Collimation Device For A Long coil Magnet Measurement System

Ran Liang - Institute of High Energy Physics Chinese Academy of Sciences Accelerator Division

THPPP033 Design of Ultra-Stable and Multi-DOF Generic Mirror Mechanical System at High Energy Photon Source (HEPS)

LuHan Ma - Institute of High Energy Physics Chinese Academy of Sciences Experimental Physics Center

THPPP034 Research on the Identification Method of Micro-Vibration Harmonic Signal Based on Kurtosis

Renhong Liu - Institute of High Energy Physics, CAS Dongguan Campus

THPPP035 Mechanical System of the Undulator Prototype for the SHINE FEL-I

Shengwang Xiang - Shanghai Advanced Research Institute Chinese Academy of Sciences

THPPP036 Prototype of High Stability Mechanical Support for SHINE Project

Rongbing Deng - Shanghai Advanced Research Institute Chinese Academy of Sciences

THPPP037 A Micro-Vibration Active Control Method Based on Piezoelectric Ceramic Actuator

Zhidi Lei - Shanghai Advanced Research Institute Chinese Academy of Sciences

THPPP038 Girders on Storage Ring in SOLEIL II

José Da Silva Castro - Synchrotron Soleil

THPPP039 Development of the BPM Support for HEPS

Anxin Wang - University of Science and Technology of China National Synchrotron Radiation Laboratory

THPPP040 The Girder System Prototype for the New ALBA II Storage Ring

Llibert Ribó - ALBA-CELLS Synchrotron

THPPP041 Design of HEPS Booster Synchronous Radiation Light Extraction System

Yongsheng Ma - Institute of High Energy Physics Accelerator Center

THPPP042 Novel Joining Methods for Permanent Magnet Structure for Short Period Cryogenic and In-vacuum APPLE Undulators at HZB

Carsten Kuhn - Helmholtz-Zentrum Berlin für Materialien und Energie GmbH Elektronen-Speicherring BESSY II

THPPP043 Status of the Shenzhen Innovation Light Source Facility

Tao He - Institute of Advaced Science Facilities

THPPP044 Magnet Designs for the Multi-Bend Achromat Lattice of the Shenzhen Innovation Light-source Facility

Chunguang Wang - Institute of Advanced Science Facilities

THPPP045 Injection with a Nonlinear Kicker in the SILF Storage Ring

Zhenbiao Sun - Institute of Advanced Science Facilities

THPPP046 Design, Manufacture and Installation of Electromagnets in HEPS Storage Ring

Lei Wu - Institute of High Energy Physics Accelerator Center

THPPP047 NEG Film Development and Massive Coating for HEPS

Yongsheng Ma - Institute of High Energy Physics Accelerator Center

THPPP049 Realization of a Compact APPLE X Undulator

Staffan Benedictsson - MAX IV Laboratory Lund University

THPPP050 Overview of Undulator Solutions for the Polfel Project

Jaroslaw Jakub Wiechecki - National Synchrotron Radiation Centre Jagiellonian University

THPPP051 The Aluminium Vacuum Chamber

Yongmei Wen - Shanghai Institute of Applied Physics

THPPP052 Design and Development of Coated chamber for In-air insertion devices

Pengcheng Wang - University of Science and Technology of China National Synchrotron Radiation Laboratory

THPPP053 Canadian Light Source LINAC Upgrade Project: Enhancing the Mechanical Reliability and Operational Security of Canada's Synchrotron

Linda Lin - Canadian Light Source Inc. University of Saskatchewan

THPPP054 The Development of Multiplexing Imaging Experimental Instruments

Seonghan Kim - Pohang Accelerator Laboratory

THPPP055 Instrumentation Front-End at NSLS-II

Michael Peter Johanson - Brookhaven National Laboratory National Synchrotron Light Source II

THPPP056 A New Beamline for Multi-Scale Structural Characterization of Hierarchical Materials

Vahid Haghighat - MAX IV Laboratory Lund University