

**The 2nd Workshop on
Polarized Beam and Target -
Physics and Applications
(PBT2026)**

Report of Contributions

Contribution ID : 1

Type : **not specified**

Status of HIAF

Tuesday, 31 March 2026 09:00 (50)

Presenter(s) : YANG, Jiancheng (Institute of Modern Physics, CAS)

Session Classification : Session 1

Contribution ID : 2

Type : **not specified**

Status of China Spallation Neutron Source

Tuesday, 31 March 2026 09:50 (50)

Presenter(s) : TONG, Xin (IHEP - China Spallation Neutron Source)

Session Classification : Session 1

Contribution ID : 3

Type : **not specified**

Development of The Liquid Hydrogen Target for RI Beam Physics

Tuesday, 31 March 2026 11:00 (50)

Presenter(s) : LIU, Hongna (Beijing Normal University)

Session Classification : Session 1

Contribution ID : 4

Type : **not specified**

Polarized Nuclear Physics Program at FAIR

Tuesday, 31 March 2026 14:00 (50)

Presenter(s) : LITVINOV, Yury (GSI / Universität zu Köln)

Session Classification : Session 2

Contribution ID : 5

Type : **not specified**

Decoherence of The Deuteron Tensor Polarization

Tuesday, 31 March 2026 16:00 (50)

Presenter(s) : NIKOLAEV, Nikolai N. (Landau Institute for Theoretical Physics, RAS)

Session Classification : Session 2

Contribution ID : 6

Type : **not specified**

Electric Dipole Moments of Charged Particles: Probing Fundamental Symmetries with Storage Rings

Tuesday, 31 March 2026 14:50 (50)

Presenter(s) : SEMERTZIDIS, Yannis (Brookhaven National Laboratory)

Session Classification : Session 2

Contribution ID : 7

Type : **not specified**

Spin Physics at HIAF

Tuesday, 31 March 2026 16:50 (50)

Presenter(s) : GOU, Boxing (IMP)

Session Classification : Session 2

Contribution ID : 8

Type : **not specified**

Polarized Ion Source at IMP

Wednesday, 1 April 2026 09:00 (50)

Presenter(s) : SUN, Liangting (IMP)

Session Classification : Session 3

Contribution ID : 9

Type : **not specified**

High-energy e-cooling at HIAF and Perspectives

Wednesday, 1 April 2026 09:50 (50)

Presenter(s) : MAO, Lijun (Institute of Modern Physics, CAS)

Session Classification : Session 3

Contribution ID : **10**

Type : **not specified**

High-energy Nuclear Physics at HIAF

Wednesday, 1 April 2026 11:00 (50)

Presenter(s) : LIANG, Yutie (Institute of Modern Physics, CAS)

Session Classification : Session 3

Contribution ID : 11

Type : **not specified**

The Development of Polarized ^3He at CSNS

Wednesday, 1 April 2026 14:00 (50)

Presenter(s) : ZHANG, Junpei (IHEP)

Session Classification : Session 4

Contribution ID : 12

Type : **not specified**

Polarized Electron and Positron Beams at BEPCII

Wednesday, 1 April 2026 14:50 (50)

Presenter(s) : DUAN, Zhe (Institute of High Energy Physics, CAS)

Session Classification : Session 4

Contribution ID : 13

Type : **not specified**

Quantum Entanglement with Polarized Particles

Wednesday, 1 April 2026 16:00 (50)

Presenter(s) : BAI, Dong (Hohai University)

Session Classification : Session 4

Contribution ID : 14

Type : **not specified**

Production and Lambda Polarization of $pp \rightarrow pK\Lambda$

Wednesday, 1 April 2026 16:50 (50)

Presenter(s) : ZHANG, Zhe (Institute of Modern Physics, Chinese Academy of Sciences)

Session Classification : Session 4

Contribution ID : 15

Type : **not specified**

Physics with Polarization at BESIII

Thursday, 2 April 2026 09:00 (50)

Presenter(s) : LI, Haibo (Institute of High Energy Physics, CAS)

Session Classification : Session 5

Contribution ID : 16

Type : **not specified**

Polarized Atomic Physics Program at FAIR

Thursday, 2 April 2026 09:50 (50)

Presenter(s) : STÖHLKER, Thomas (Helmholtz Institute Jena / GSI)

Session Classification : Session 5

Contribution ID : 17

Type : **not specified**

Polarized eV Neutron for T-reversal Symmetry Breaking Experiment

Thursday, 2 April 2026 11:00 (50)

Presenter(s) : WANG, Tianhao (IHEP - China Spallation Neutron Source)

Session Classification : Session 5

Contribution ID : **18**

Type : **not specified**

Polarized H/D Target at FZJ

Thursday, 2 April 2026 14:00 (50)

Presenter(s) : ENGELS, Ralf (FZJ / GSI)

Session Classification : Session 6

Contribution ID : 19

Type : **not specified**

Experiences with Polarized Atomic Beam Sources and Spin Physics at BINP

Thursday, 2 April 2026 14:50 (50)

Presenter(s) : TOPORKOV, Dmitriy (Budker Institute of Nuclear Physics, RAS)

Session Classification : Session 6

Contribution ID : **20**

Type : **not specified**

Polarized ^3He in High Magnetic Fields

Thursday, 2 April 2026 16:00 (50)

Presenter(s) : LI, Xiaqing (Shandong University)

Session Classification : Session 6

Contribution ID : 21

Type : **not specified**

H/D Polarized Target Project Conducted for SPring-8

Thursday, 2 April 2026 16:50 (50)

Presenter(s) : MURAMATSU, Norihito (Institute of Modern Physics, CAS)

Session Classification : Session 6

Contribution ID : 22

Type : **not specified**

Testing Fundamental Symmetries at Storage Rings

Friday, 3 April 2026 09:30 (60)

Presenter(s) : NIKOLAEV, Nikolai N. (Landau Institute for Theoretical Physics, RAS)

Session Classification : Yang Cheng-zhong Forum

Contribution ID : 23

Type : **not specified**

Precision Measurement of the Muon Anomalous Magnetic Moment: Status, Challenges, and Implications

Friday, 3 April 2026 10:50 (60)

Presenter(s) : SEMERTZIDIS, Yannis (Brookhaven National Laboratory)

Session Classification : Yang Cheng-zhong Forum

Contribution ID : 24

Type : **not specified**

Opening

Tuesday, 31 March 2026 08:45 (15)

Presenter(s) : XU, Nu (IMP)

Session Classification : Session 1