

Frontier Physics Working Month 2026

Report of Contributions

Contribution ID: 1

Type: **not specified**

Zhejiang University

Session Classification: Organization Introduction

Contribution ID: 2

Type: **not specified**

Ningbo University

Session Classification: Organization Introduction

Contribution ID: 3

Type: **not specified**

Nanjing Normal University

Session Classification: Organization Introduction

Contribution ID: 4

Type: **not specified**

Nanjing University

Session Classification: Organization Introduction

Contribution ID: 5

Type: **not specified**

Shanghai Jiao Tong University

Session Classification: Organization Introduction

Contribution ID: 7

Type: **not specified**

East China University of Science and Technology

Session Classification: Organization Introduction

Contribution ID: 8

Type: **not specified**

East China Normal University

Session Classification: Organization Introduction

Contribution ID: 9

Type: **not specified**

ShanghaiTech University

Session Classification: Organization Introduction

Contribution ID: 10

Type: **not specified**

Wilczek Quantum Center, Shanghai Institute for Advanced Studies, USTC

Session Classification: Organization Introduction

Contribution ID: 11

Type: **not specified**

Purple Mountain Observatory, CAS

Session Classification: Organization Introduction

Contribution ID: 12

Type: **not specified**

Probes of Dark Matter: From Laboratory Sensors to Cosmic Messengers

Wednesday, 1 July 2026 09:15 (30 minutes)

Presenter: HE, Yuxuan (City University of Hong Kong)

Contribution ID: 13

Type: **not specified**

Probing Electroweak Symmetry Breaking and Quantum Entanglement at the TeV Scale

Wednesday, 1 July 2026 09:45 (30 minutes)

Presenter: XU, Tairan (University of Michigan)

Contribution ID: 14

Type: **not specified**

Colour Meets Flavour: Test the Standard Model and Search for New Phenomena in Strong and Weak Interactions

Wednesday, 1 July 2026 10:45 (30 minutes)

Presenter: XU, Ao (Scuola Normale Superiore & INFN Pisa)

Contribution ID: 15

Type: **not specified**

Constructing Bases for EFT Amplitudes and Operators: Dimension-8 SMEFT RGEs as an Application

Wednesday, 1 July 2026 11:15 (30 minutes)

Presenter: REN, Zhe (University of Granada)

Contribution ID: 16

Type: **not specified**

Cosmological Stasis and Its Phenomenological Implications

Wednesday, 1 July 2026 14:00 (30 minutes)

Presenter: HUANG, Fei (Weizmann Institute of Science)

Contribution ID: 17

Type: **not specified**

Scalar Wave Scattering of Dirty Black Holes

Wednesday, 1 July 2026 14:30 (30 minutes)

Presenter: HU, Shiqian (University of Paris-Saclay/Aix-Marseille Université)

Contribution ID: **18**

Type: **not specified**

Flipped Modular Flow and Swing Surfaces Beyond Flat Holography

Wednesday, 1 July 2026 15:30 (30 minutes)

Presenter: YU, Boyang (University of Edinburgh/Peking University)

Contribution ID: 19

Type: **not specified**

Gravitational Particle Production in the Early Universe: GWs and DM

Wednesday, 1 July 2026 16:00 (30 minutes)

Presenter: ZHAO, Wenbin (ICTP-AP, UCAS)

Contribution ID: 20

Type: **not specified**

WIMP Meets ALP: Coherent Freeze-Out of Dark Matter

Thursday, 2 July 2026 09:00 (30 minutes)

Presenter: YU, Bingrong (Cornell University)

Contribution ID: 21

Type: **not specified**

Hadron spectroscopy and New Physics searches at LHCb

Thursday, 2 July 2026 09:30 (30 minutes)

Presenter: CHEN, Chen (University of Warwick, United Kingdom)

Contribution ID: 22

Type: **not specified**

Lattice QCD Calculation of the Di-Nucleon Neutrinoless Double Beta Decay Matrix Elements

Thursday, 2 July 2026 10:30 (30 minutes)

Presenter: WANG, Ziyu (Peking University)

Contribution ID: 23

Type: **not specified**

Organization Introduction

Contribution ID: 24

Type: **not specified**

Zhejiang University

Session Classification: Organization Introduction

Contribution ID: 25

Type: **not specified**

Ningbo University

Session Classification: Organization Introduction

Contribution ID: 26

Type: **not specified**

Nanjing Normal University

Session Classification: Organization Introduction

Contribution ID: 27

Type: **not specified**

Nanjing University

Session Classification: Organization Introduction

Contribution ID: 28

Type: **not specified**

Purple Mountain Observatory, CAS

Session Classification: Organization Introduction

Contribution ID: 29

Type: **not specified**

PandaX

Friday, 3 July 2026 13:00 (15 minutes)

Session Classification: Lab Visit (PandaX / JUNO / Collider / Muon facilities)

Contribution ID: **30**

Type: **not specified**

Trident

Friday, 3 July 2026 13:15 (15 minutes)

Session Classification: Lab Visit (PandaX / JUNO / Collider / Muon facilities)

Contribution ID: **31**

Type: **not specified**

Collider

Friday, 3 July 2026 13:30 (15 minutes)

Session Classification: Lab Visit (PandaX / JUNO / Collider / Muon facilities)

Contribution ID: 32

Type: **not specified**

Muon

Friday, 3 July 2026 13:45 (15 minutes)

Session Classification: Lab Visit (PandaX / JUNO / Collider / Muon facilities)

Contribution ID: 33

Type: **not specified**

Nanjing Normal University

Thursday, 2 July 2026 14:00 (15 minutes)

Presenter: WU (武雷), Lei

Contribution ID: 34

Type: **not specified**

Nanjing University

Thursday, 2 July 2026 14:15 (15 minutes)

Presenter: LIU(刘佐伟) , Zuowei

Contribution ID: 35

Type: **not specified**

East China Normal University

Thursday, 2 July 2026 14:30 (15 minutes)

Presenter: ZHOU(周先荣) , Xianrong

Contribution ID: 36

Type: **not specified**

Ningbo University

Thursday, 2 July 2026 14:45 (15 minutes)

Presenter: CHEN(陈斌) , Bin

Contribution ID: 37

Type: **not specified**

ShanghaiTech University

Thursday, 2 July 2026 15:45 (15 minutes)

Presenter: YANG(杨毅) , Yi

Contribution ID: **38**

Type: **not specified**

Wilczek Quantum Center, Shanghai Branch, USTC

Thursday, 2 July 2026 16:00 (15 minutes)

Presenter: DU(杜晓健) , Xiaojian

Contribution ID: 39

Type: **not specified**

East China University of Science and Technology

Thursday, 2 July 2026 16:15 (15 minutes)

Presenter: LIAO (廖玮) , Wei