

No.	Invited Speaker
1	Yi-Fu Cai
2	Chiang-Mei Chen
3	Siyuan Chen
4	Theresa Fruth
5	Qing Gao
6	Mingyong Guo
7	Hyewon Han
8	Song He
9	Qing-Guo Huang
10	Suoqing Ji
11	Xiao-Mei Kuang
12	Dilip Kumar
13	Hocheol Lee

14	Li Li
15	Jun Lin
16	Lang Liu
17	Hongguang Liu
18	Tao Liu
19	Nobuyoshi Ohta
20	Shi Pi
21	Mayuri Rao
22	Cristian Andres Rivera Medina
23	Shan-Ming Ruan
24	Arman Shafieloo
25	Lijing Shao
26	Yu Tian
27	Jieci Wang
28	Sai Wang
29	Shao-Jiang Wang

30	Xiaofeng Wang
31	Zhong-Zhi Xianyu
32	Run-Qiu Yang
33	Zhu Yi
34	Naoki Yoshioka
35	Hao-Ran Yu
36	Chen Zhang
37	Cheng-Yong Zhang
38	Cong Zhang
39	Jiajun Zhang
40	Ying-li Zhang
41	Yu-Peng Zhang
42	Cheng Zhao

Astrophysics, Cosmology, and
Chair: Rong-Gen Cai (Nin

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University of Science and Technology of China
National Central University
Shanghai Astronomical Observatory, Chinese Academy of Sciences
University of Sydney
Southwest University
Beijing Normal University
Dongguk University
Ningbo University
Institute of Theoretical Physics, Chinese Academy of Sciences
Fudan University
Yangzhou University
University of Hyderabad
Dongguk University

Institute of Theoretical Physics, CAS
Yunnan Astronomical Observatories, CAS
Beijing Normal University
Westlake University
The Hong Kong University of Science and Technology
Osaka Metropolitan University
Institute of Theoretical Physics, CAS
Raman Research Institute
National Central University
Peking University
KASI, DaeJeon
Peking University
UCAS, Beijing
Hunan Normal University
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Tsinghua University
Tsinghua University
Tianjin University
Beijing Normal University
Hiroshima University
Xiamen University
Northeastern University
Jinan University
Beijing Normal University
Shanghai Astronomical Observatory
Tongji University
Lanzhou University
Tsinghua University

Topic
Theoretical perspectives on late-time cosmic acceleration in light of latest cosmological observations
Monodromy Approach for Black Hole Physics
Finding the source of the nanohertz gravitational wave signal from PTAs
Status of the LUX-ZEPLIN dark matter experiment
Observational constraints on inflationary models with nonminimal derivative coupling by ACT
Near-horizon Polarization as a Diagnostic of Black Hole Spacetime
Relationship between quasinormal modes and grey-body factors in higher dimensions
Unify the QGP transports and equations of state in a holographic QCD Model
The spatial correlations between pulsars for interfering gravitational-wave sources in Pulsar Timing Array
What Happens When Supermassive Black Holes Speak to Galaxies?
Exploring photon sphere structure of hairy black holes
Short-GRBs from Shock Collisions Driven by Magnetic Reconnection in Cosmic String Wakes
Violation of the Bound on Chaos in Charged and Rotating AdS Black Hole

Uncovering quantum corrections to thermodynamics of black holes with Chern-Simons term
Theories of Solar Eruptions and Observational Consequences
Gauge Dependence and Invariance in Induced Gravitational Waves
Loop quantum gravity, coherent state path integral and one-loop effective action
Unveiling Ultralight Axion-like Dark Matter — A PTA-PPA Method
Einstein gravity with cosmological constant and scalar fields is nonperturbatively renormalizable
Inflation beyond slow-roll and non-Gaussianities
Global cosmological signal detection experiments at radio frequencies
Schwinger pair production in near extremal RN-dS black holes
Universal Time Evolution of Holographic and Quantum Complexity
Reconstructing Dark Energy
Fundamental Physics with Pulsars around Sgr A*
Hyperboidal formalism and its applications in dynamics of de Sitter black holes
Relativistic quantum channel identification and quantum metrology
Secondary gravitational-wave background and its anisotropies
DESI Dark Energy, Hubble Tension, and Modified Gravity

Probing the fundamental physics of the universe with stellar explosion
Analytical methods for cosmological correlators
Butterfly in Spacetime: Inherent Instabilities in Stable Black Holes
PTA Observations and Scalar-Induced Gravitational Waves: A Probe of Small-Scale Primordial Perturbations
A solution to U(1) quality problem with Metric-Affine gravity
Spin direction of elliptical galaxies: observation and prediction
Superradiant dark matter production from primordial black holes
Nonlinear bottleneck effect in black hole dynamics
Covariant dynamics from static spherically symmetric geometries
21cm Observational Cosmology
Formation of primordial black holes from inflationary models
Nonlinear Coupling Effects between Scalar Dark Matter and Black Holes
An Overview of DESI Cosmology

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