

IRCHEP 1402

Iranian Conference on High Energy Physics

Deciphering the Universe Ciphers

20-22 November, 2023 (29 Aban-1 Azar, 1402)

IRCHEP 1402 is the second conference in the series on high energy physics to be held During 20-22 November, 2023. The conference gathers experts in high energy physics, phenomenology, theory, and cosmology to discuss recent advances and important developments in the field. IRCHEP 1402 will be held online. The talks are all by invitation.

Topics

- 1) Dark Matter
- 2) Neutrino Physics
- 3) Baryogenesis
- 4) Cosmological Tensions & Beyond FLRW
- 5) String Theory & Cosmology
- 6) Gravitational Waves
- 7) Black Hole Physics

Web: <http://physics.ipm.ac.ir/conferences/irchep2023/index.jsp>

Plenary Speakers

- * Sanjib Agarwalla (U. of Wisconsin-Madison)
- * Glenn Barnich (Brussels U., PTM)
- * Wilfred Buchmuller (DESY)
- * Carlos Herdeiro (Aveiro U.)
- * Paul Lasky (Melbourne U.)
- * Eoin O Colgain (Sogang U.)
- * Susha Parameswaran (U. of Liverpool)
- * Mariam Tortola (Valencia U., IFIC)
- * Piere Ullio (SISSA)
- * Ville Vaskonen (U. of Padova)

Organizers

- * M. Alishahiha
- * A. Ashoorioon
- * Y. Farzan
- * M.M. Sheikh-Jabbari

