

PACTS: 2018

– Particle Astroparticle Cosmology Tallinn Symposium –

Ungern-Sternberg palace, Tallinn, June 18-22, 2018

Abstract submission deadline: 1st May 2018

Plenary sessions with presentations covering topics including:

- Defining naturalness: which guiding principle?
- Results from LHC phase I and II
- Properties of the dark sector of the Universe
- Potential of the intensity frontier
- New physics in flavour
- Status of the Λ CDM model and its extensions
- Gravitational wave astronomy, phase transitions and black holes
- Inflation and theories of gravity

Invited speakers include: K. Blum, V. Cardoso, J. Chluba, M. Cirelli, K. Dimopoulos, A. Djouadi, G. Dvali, P. Ferreira, C. Frenk, J. Garcia-Bellido, C. Grojean, F. Hassan, M. Hindmarsh, A. Ibarra, G. Isidori, J. Jaeckel, L. Järv, M. Lindner, Y. Nir, P. Pani, A. Rajantie, A. Ringwald, G. Ross, F. Sannino, S. Sarkar, M. Shaposhnikov, A. A. Starobinsky, K. Tuominen, and R. Woodard.

Organising committee: J. R. Ellis, E. Gabrielli, G. Hütsi, L. Marzola, A. Racioppi, M. Raidal, A. Strumia, and E. Tempel.

<https://indico.cern.ch/e/pacts2018>



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