

27th International Symposium on Particles, Strings and Cosmology

Monday 25 July 2022

Parallel Session D: Inflation - Blaum Seminar Room (14:00 - 15:30)

-Conveners: Jisuke Kubo

time	[id] title	presenter
14:00	[102] Inflation with two-form field: the production of primordial black holes and gravitational waves	OBATA, Ippei
14:18	[46] Quintessential Inflation in Palatini Modified Gravity	SANCHEZ LOPEZ, Samuel
14:36	[59] The hand-made tail: non-perturbative tails from multifield inflation	CESPEDES, Sebastian

Parallel Session D: Reheating - Blaum Seminar Room (16:00 - 17:50)

-Conveners: Ben Stefanek

time	[id] title	presenter
16:00	[92] Higgs-boson induced reheating and its implications for dark matter	SOCHA, Anna
16:18	[50] Energy distribution and equation of state of the early Universe after inflation	MARSCHALL, Kenneth
16:36	[17] Reheating Process in Mixed Higgs- R^2 Model	HE, Minxi
16:54	[136] The Big Bang in the Lab: Table-top Experiments of Reheating After Inflation	Dr BRADEN, Jonathan

Tuesday 26 July 2022

Parallel Session D: Cosmology/Dark Energy - Blaum Seminar Room (11:00 - 12:30)

-Conveners: Konstantinos Dimopoulos

time	[id] title	presenter
11:00	[113] Dark energy as guideline	Prof. CEMBRANOS, Jose A. R. Cembranos
11:18	[62] Cascading Dark Energy	Dr ASHOORIOON, Amjad
11:36	[105] Dynamical violation of the null energy condition in finite volumes	BACKHOUSE, Drew
11:54	[134] Using SELCIE to investigate screened scalar field models sourced by complex systems.	BRIDDON, Chad

Parallel Session D: Inflation - Blaum Seminar Room (16:00 - 17:30)

-Conveners: Yusuke Yamada

time	[id] title	presenter
16:00	[73] U(1) gauge field and charged particles in axion inflation	FUJITA, Tomohiro
16:18	[86] SU(N)-natural inflation	MURAI, Kai
16:36	[78] Multi-Species Thermalization Cascade of Energetic Particles in the Early Universe	NAJJARI, Bardia
16:54	[111] Lattice simulations of axion-U(1) inflation	CARAVANO, Angelo
17:12	[159] Unified emergence of energy scales and cosmic inflation	REZACEK, Jonas

Wednesday 27 July 2022

Parallel Session D: BSM - Blaum Seminar Room (11:00 - 12:50)

-Conveners: Felix Bruemmer

time	[id] title	presenter
11:00	[49] Constrained Superfields in Dynamical Background	Dr TERADA, Takahiro
11:18	[114] Decay of dressed particles in preheating	YAMADA, Yusuke
11:36	[41] Dynamical mass generation for a massless minimal scalar with quartic plus cubic self interaction in de Sitter spacetime	JOSHI, Nitin
11:54	[69] Implications of R^2 -Higgs inflation with two doublets for collider experiments	MODAK, Tanmoy
12:12	[109] Searching for dark radiation at the LHC	Dr MORANDINI, Alessandro
12:30	[115] Next-to-leading order calculation of the charged wino decay rate	MISHIMA, Masataka

Thursday 28 July 2022

Parallel Session D: Formal - Blaum Seminar Room (11:00 - 12:30)

-Conveners: Jose A. R. Cembranos

time	[id] title	presenter
11:00	[65] PQ Axiverse	MORITZ, Jakob
11:18	[127] Deconfinement Phase Transition in Thermal QCD at Intermediate Coupling from M Theory	Mr YADAV, Gopal
11:36	[130] String theory on time-dependent backgrounds: a Big-Bang type singularity	ARDUINO, Andrea
11:54	[147] Cosmology of UV complete higher derivative gravity theories	KOSHELEV, alexey
12:12	[156] Effects of F^4 -corrections on String Inflation	PIANTADOSI, Pellegrino