

Seventeenth Marcel Grossmann Meeting

Monday, 8 July 2024

Inflation: perturbations, initial singularities and emergent universes: Monday block 1 - M5 (15:00 - 16:30)

-Conveners: Stefano Ansoldi; Eduardo Guendelman

time	[id] title	presenter
15:00	[40] Raychaudhuri equation invariance in the presence of inflation-type fields	Dr MANNA, GOUTAM
15:30	[56] Fuzzy dark matter and Primordial blackholes	THUPIL, Govindarajan
16:00	[115] Eternal Inflation and a Geodesically Complete Universe	EASSON, Damien

Inflation: perturbations, initial singularities and emergent universes: Monday block 2 - M5 (17:00 - 18:30)

-Conveners: Eduardo Guendelman; Stefano Ansoldi

time	[id] title	presenter
17:00	[9] Revisiting compaction functions for primordial black hole formation	HARADA, Tomohiro
17:20	[87] A non-singular universe out of Hayward black hole	BOBULA, Michał
17:40	[380] Bubble universe from flat spaces	GUENDELMAN, Eduardo
18:00	[162] Distinguishing bounce and inflation via quantum signatures from cosmic microwave background	CHANDRAN, S. Mahesh

Tuesday, 9 July 2024

Inflation: perturbations, initial singularities and emergent universes: Tuesday block 1 - M5 (15:00 - 16:30)

-Conveners: Stefano Ansoldi; Eduardo Guendelman

time	[id] title	presenter
15:00	[195] Unification: inflation and dark epochs from multi-field theory	GUENDELMAN, Eduardo
15:30	[302] Scale-invariant inflation: theoretical predictions and observational constraints	DE ANGELIS, Mariaveronica
16:00	[364] Quantum Geometric Models for Early Universe Cosmology	SCHUPP, Peter

Inflation: perturbations, initial singularities and emergent universes: Tuesday block 2 - M5 (17:00 - 18:30)

-Conveners: Eduardo Guendelman; Stefano Ansoldi

time	[id] title	presenter
17:00	[461] Mixmaster Universe in a 2D non-commutative GUP framework	SEGRETO, Sebastiano
17:30	[209] Primordial black holes as Dark matter, gravitational radiation as Dark energy (P.W.Anderson): experimentally and observationally tested unified approach to Planck-scale physics and Big Bang cosmology, early Large-scale structure and Two-stage accelerated expansion of the Universe	BORSEVICI, Victor
17:50	Synopsis and discussion	