

Planck 2022

lundi 30 mai 2022

Parallel session 2: Cosmology - Amphithéâtre Poincaré (14:00 - 15:40)

-Présidents de session: Ruth Durrer

time	[id] title	presenter
14:00	[255] Bubble wall dynamics at the electroweak phase transition	GUIGGIANI, Andrea
14:20	[256] New methods for studying the Electroweak phase transition	EKSTEDT, Andreas
14:40	[260] Correlated signals of first-order phase transitions in dark sectors	MARFATIA, Danny
15:00	[257] High Energy Particles from Supercooled Phase Transitions	DICHTL, Maximilian
15:20	[264] Discrete R-symmetry, Various Energy Scales and Gravitational Waves	CHOI, gongjun

Parallel session 2: Cosmology - Amphithéâtre Poincaré (16:10 - 17:50)

-Présidents de session: Camille Bonvin

time	[id] title	presenter
16:10	[259] Interplay between dark matter and gravitational wave signal from conformal symmetry breaking	SWIEZEWSKA, Bogumila
16:30	[261] Phase transition and Gravitational Waves signal from conformal symmetry breaking	KIERKLA, Maciej
16:50	[262] Gravitational wave induced baryon acoustic oscillations	DÖRING, Christian
17:10	[263] Gravitational wave echo of relaxion trapping	MADGE, Eric
17:30	[279] Sharp turns in axion monodromy: primordial black holes and gravitational waves	BHATTACHARYA, Sukannya

mercredi 1 juin 2022

Parallel session 2: Cosmology (14:00 - 15:40)

-Présidents de session: Eleonora Di Valentino

time	[id] title	presenter
14:00	[266] Is new physics hidden in our expansion history? : an Update	CRUZ, Juan S.
14:20	[267] Charting new particle physics with primordial GWs	GOUTTENOIRE, Yann
14:40	[268] Free-streaming and Coupled Dark Radiation Isocurvature Perturbations: Constraints and Application to the Hubble Tension	GHOSH, Subhjit
15:00	[269] Phase Transitions from Stars	STELZL, Stefan
15:20	[270] Heavy Stars from Light Scalars	SPRINGMANN, Konstantin

Parallel session 2: Cosmology (16:10 - 17:30)

-Présidents de session: Eleonora Di Valentino

time	[id] title	presenter
16:10	[271] Cosmological constraints on the decay of heavy relics into neutrinos	HUFNAGEL, Marco
16:30	[272] Heavy warm dark matter from supercooling	BALDES, Iason
16:50	[273] The role of fluctuations in the cosmological relaxation dynamics of the weak scale	CHATRCHYAN, Aleksandr
17:10	[275] Coleman-Weinberg Abrikosov-Nielsen-Olesen strings	JINNO, Ryusuke

jeudi 2 juin 2022

Parallel session 2: Cosmology - Stourdzé (14:00 - 15:40)

-Présidents de session: Pierre Vanhove

time	[id] title	presenter
14:00	[281] Hunting for axions in the solar basin	DEROCCO, William
14:20	[282] QCD axion couplings at finite density	STADLBAUER, Michael
14:40	[283] cosmological constraints on heavy QCD axion theories	DUNSKY, David
15:00	[284] How special are black holes? Correspondence with objects saturating unitarity bounds in generic theories	VALBUENA-BERMÚDEZ, Juan Sebastián
15:20	[285] Gravity at the Tip of the Throat	BENTO, Bruno

Parallel session 2: Cosmology - Stourdzé (16:10 - 17:50)

-Présidents de session: Geraldine Servant

time	[id] title	presenter
16:10	[276] Higgs Inflation and the Ambiguities of General Relativity	ZELL, Sebastian
16:30	[278] Polynomial Inflation	XU, Yong
16:50	[280] Ending inflation with a bang: Higgs vacuum decay in R2 gravity	MANTZIRIS, Andreas
17:10	[292] UV behaviour of Higgs inflation models	GUILLEN, Anthony