

String Phenomenology 2024

Tuesday, 25 June 2024

Parallel session: A1 - Aula P150 (14:30 - 16:00)

time	[id] title	presenter
14:30	[46] Black hole thermodynamics, tower of states, and the emergent string conjecture	MONTELLA, Carmine
14:45	[43] A black hole-tower correspondence and the origin of species thermodynamics	HERRAEZ, Alvaro
15:00	[44] On the Origin of Species Thermodynamics	MASIAS, Joaquin
15:15	[45] Cosmological phase transitions and the swampland	VENKEN, Gerben
15:30	[47] Cosmological Chameleons, String Theory and the Swampland	RUIZ, Ignacio
15:45	[48] Black Hole Probes of Moduli Space and Stabilization	DELGADO, Matilda

Parallel session: B1 - Aula P100 (14:30 - 16:00)

time	[id] title	presenter
14:30	[67] Non-perturbative production of axions in string inflation	RIGHI, Nicole
14:45	[68] (A)dS solutions from type II Scherk-Schwarz toroidal orbifold	SERRA, Marco
15:00	[69] Conditions for O-plane unsmearing from second-order perturbation theory	EMELIN, Maxim
15:15	[70] News on the anti-D3-brane uplift	SCHREYER, Simon
15:30	[71] Moduli Stabilization in Landau-Ginzburg Orientifold Models.	RAJAGURU, Muthusamy
15:45	[72] Flux Landscape with Enhanced Symmetry Not on $SL(2, \mathbb{Z})$ Elliptic Points	KAI, Takafumi

Parallel session: C1 - Aula P3 (14:30 - 16:00)

time	[id] title	presenter
14:30	[91] Tensionless Strings Limits in 4d Conformal Manifolds	CALDERÓN INFANTE, José
14:45	[92] Extremal Correlators and OPE coefficients in Argyres-Douglas Theories	CIPRIANI, Andrea
15:00	[93] Perturbations in horizonless geometries, Quasi Normal modes, Echoes and Tidal deformations	DI RUSSO, Giorgio
15:15	[94] High-Energy Fixed-Angle Meson Scattering and Holographic QCD Strings	PYSZKOWSKI, Bartosz
15:30	[95] Minimalism in $N = 2$ moduli spaces from orbifold constructions	NIAN, Guoen
15:45	[96] Calabi-Yau Threefold Flops as Quiver Varieties from Monopole Deformations	MOLETI, Marina

Parallel session: A2 - Aula P150 (16:30 - 18:00)

time	[id] title	presenter
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16:30	[49] Dynamical Cobordism and Codimension-2 End-of-the-world Branes	MAKRIDOU, Andriana
16:45	[50] The Scalar Weak Gravity Conjecture, moduli fields and gauged supergravity	CASAGRANDE, Gabriele
17:00	[51] Exotic supergravities and the Swampland	TARTAGLIA, Michelangelo
17:15	[52] Cobordism and cosmology	FRIEDRICH, Bjoern
17:30	[53] Cobordism and the half-spin group	KNEISSL, Christian
17:45	[54] Dynamical Cobordism in AdS/CFT	HUERTAS, Jesús

Parallel session: B2 - Aula P100 (16:30 - 18:00)

time	[id] title	presenter
16:30	[73] Massive spin-2 particles and the swampland	QUIRANT, Joan
16:45	[74] Flat manifolds, fluxes & Casimir energies -- a recipe for deSitter?	BENTO, Bruno
17:00	[75] Decay of Kaluza-Klein Vacuum via Singular Instanton	TSUKAHARA, Sohei
17:15	[76] Higher-curvature gravities, EFTs and the Swampland	MURCIA GIL, Ángel Jesús
17:30	[77] Exploring the AdS conjecture: a positive metric over DGKT vacua	PETRI, Nicolò
17:45	[78] Holography for KKLT: Anatomy of a Flow	LI, Yixuan

Parallel session: C2 - Aula P3 (16:30 - 18:00)

time	[id] title	presenter
16:30	[97] New Non-SUSY Tachyon-Free Rigid Strings	TARAZI, Hourii Christina
16:45	[98] Uncovering the Non-supersymmetric Heterotic String Landscape	FRAIMAN, Bernardo
17:00	[99] Neural Network Learning and Quantum Gravity	LANZA, Stefano
17:15	[100] Brane solutions in non-supersymmetric strings	RAUCCI, Salvatore
17:30	[101] Rigid Orientifold Vacua in 6d with Broken SUSY	LEONE, Giorgio
17:45	[102] Chiral anomalies and their implications in 10d non-supersymmetric $sp(16)$ gauge theories.	LAROTONDA, Vittorio

Thursday, 27 June 2024

Parallel session: A3 - Aula P150 (14:30 - 16:00)

time	[id] title	presenter
14:30	[55] Emergent geometry in string theory	BASILE, Ivano
14:45	[56] Emergence of R^4 terms in M-theory	PARASKEVOPOULOU, Antonia
15:00	[57] Swampland Constraints on small Dirac Neutrino Yukawa Couplings	CASAS, Gonzalo F.
15:15	[58] Boundaries and geodesics in moduli spaces	COLLAZUOL, Veronica
15:30	[59] A Distance Conjecture for Branes	ETHEREDGE, Muldrow
15:45	[60] End of The World brane networks for infinite distance limits in CY moduli space	ANGIUS, Roberta

Parallel session: B3 - Aula P100 (14:30 - 16:00)

time	[id] title	presenter
14:30	[80] String Theory and the First Half of the Universe	APERS, Fien
14:45	[79] String Theory (and Gravitational Waves) from the First Half of the Universe	REVELLO, Filippo
15:00	[81] Gravitational Axiverse Spectroscopy	PUTTI, Margherita
15:15	[82] Loop Blow-Up Inflation: a novel way to inflate with the Kähler moduli	BRUNELLI, Luca
15:30	[83] Realistic Brane-Antibrane Inflation	RAMOS HAMUD, Mario
15:45	[84] Measuring the string scale with gravitational waves	VILLA, Gonzalo

Parallel session: C3 - Aula P3 (14:30 - 16:00)

time	[id] title	presenter
14:30	[103] Geometry of Type IIA compactifications with (non-)geometric fluxes	PRIETO, David
14:45	[104] On the landscape of 6d supergravities	LOGES, Gregory
15:00	[105] On a new democratic formulation of type 2B superstring theory	ZATTI, Matteo
15:15	[106] String islands and discrete theta angles	PARRA DE FREITAS, Hector
15:30	[107] On M-theory and string flux vacua in three dimensions	MORITTU, Matteo
15:45	[108] New families of scale separated vacua	COUDARCHET, Thibaut

Parallel session: A4 - Aula P150 (16:30 - 18:00)

time	[id] title	presenter
16:30	[61] The Minimal Weak Gravity Conjecture	MININNO, Alessandro
16:45	[62] M-theoretic Emergence	GLIGOVIC, Aleksandar
17:00	[63] EFT strings and the Convex Hull Distance Conjecture	GRIECO, Alessandra
17:15	[64] On the moduli space curvature at infinity	PAOLONI, Lorenzo
17:30	[65] Asymptotic curvature, SCFTs and LSTs	MELOTTI, Luca

17:45	[66] Topology change and non-geometry at infinite distance	RAML, Thomas
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Parallel session: B4 - Aula P100 (16:30 - 18:00)

time	[id] title	presenter
16:30	[85] Dynamics of Inspiring Dark Energy	ANGUELOVA, Lilia
16:45	[86] To curve, or not to curve: Observational unviability of curvature-assisted accelerated expansion	AKRAMI, Yashar
17:00	[87] Analytic bounds on asymptotic cosmologies	TONIONI, Flavio
17:15	[88] Charged Nariai black holes on the dark bubble	VAN HEMELRYCK, Vincent
17:30	[89] Cosmological Bouncing solutions in non perturbative String Theory	PAVONE, Eliseo
17:45	[90] Dark Energy with a Little Help from its Friends	GOMES, Joaquim M.

Parallel session: C4 - Aula P3 (16:30 - 18:00)

time	[id] title	presenter
16:30	[109] Bounds and Dualities of Type-II Little String Theories	BAUME, Florent
16:45	[110] Efficiency in F-Theory: FTheoryTools	BIES, Martin
17:00	[111] Higgsing on Symmetric Matter in F-theory	TURNER, Andrew
17:15	[112] Computation of Quark Masses in String Theory	FRASER-TALIENTE, Cristoforo
17:30	[113] Exploring the flavour symmetries of heterotic line bundle sum models	TSUN YIN LEUNG, Lucas
17:45	[114] Physical Yukawa Couplings in Heterotic String Compactifications	TAN, Justin