

Parallel Session I (Tuesday)		Parallel Session II (Tuesday)		Parallel Session III (Tuesday)
PS1: COSMOLOGY	Schedule	PS2: GRAVITATION	Schedule	PS3: NUMERICAL RELATIVITY
Víctor Robles, <i>Exact Solution to Finite Temperature SFDM: Natural Cores without Feedback</i>	16:30-16:50	Valeriy Dvoeglazov, <i>Self/anti-self Charge Conjugate Spinors in the Helicity Basis</i>	16:30-16:50	Eliana Chaverra, <i>On the stability of radial accretion flows</i>
Mario A. Rodríguez-Meza, <i>Study of symmetry breaking of charged scalar field: Hydrodynamic version</i>	16:50-17:10	Hugo Garcia-Compean, <i>Quantum Hair from String Compactifications</i>	16:50-17:10	Fabio Lora, <i>Full 3D relativistic Bondi-Hoyle accretion onto Black Holes</i>
Arturo Avelino, <i>Testing the Warm Dark Matter with cosmological observations</i>	17:10-17:30	Guillermo Chacón, <i>Thermostatistics of a gas of hydrogen atoms in the polymer representation</i>	17:10-17:30	Alejandro Cruz, <i>Flip-flop instability of the shock cone onto a black hole</i>
Juan Méndez, <i>FRW in cosmological self-creation theory</i>	17:30-17:50	Lenin Escamilla, <i>Statistical thermodynamics for a fluid of rotating black holes</i>	17:30-17:50	Manuel Morales, <i>The evolution of the spherically symmetric supernova core-collapse revisited</i>
Gabriel Gómez, <i>Statistical Anisotropy in Inflationary Models With Many Vector fields and/or Prolonged Anisotropic Expansion</i>	17:50-18:10	Alejandro García, <i>Towards polymer quantum mechanics for fermionic systems</i>	17:50-18:10	Miguel Gracia, <i>Spherically symmetric accretion of an ideal gas onto a black hole Including the evolution of the geometry</i>
Rafael Hernández, <i>Análisis del modelo de auto-creación (Barber) analíticamente y por sistemas dinámicos</i>	18:10-18:30	Francisco Linares, <i>A Solution to the Einstein's Field Equations for an Ultracompact distribution in the BraneWorld</i>	18:10-18:30	Francisco Guzman, <i>First steps toward the study of accretion of dark matter onto supermassive black holes</i>
COFFEE BREAK	18:30-18:50	COFFEE BREAK	18:30-18:50	
Tonatiuh Matos, <i>TBA</i>	18:50-19:10	Oscar Loaiza, <i>Non-geometric De Sitter vacua</i>	18:50-19:10	Juan Pablo Cruz, <i>SPH for matter around a black hole</i>
Marco D'oleire, <i>FRW WITH Λ VARIABLE IN TIME</i>	19:10-19:30	Ricardo Rosas, <i>Hamiltonian constraint of gravity with cosmological function</i>	19:10-19:30	Susana Valdez, <i>On the stability of compact objects</i>
Efraín Torres, <i>Scalar Cosmological Perturbations from Preheating</i>	19:30-19:50	William Cuervo, <i>The Raychaudhuri Equation for Effective Loop Quantum Kantowski-Sachs Models</i>	19:30-19:50	Jose Manuel Torres, <i>TBA</i>

Parallel Session IV (Thursday)		Parallel Session V (Thursday)		Parallel Session VI (Thursday)
PS4: COSMOLOGY	Schedule	PS5: GRAVITATION	Schedule	PS6: COSMOLOGY
Roberto Carlos de Arcia, <i>Interaction model for dark components with a redshift-dependent coupling</i>	16:30-16:50	Elizabeth Rodríguez, <i>Gauge-Higgs unification and dark energy in a RSI-1 space</i>	16:30-16:50	Gustavo Niz, <i>Instabilities in massive self-acceleration</i>
Alberto Diez-Tejedor, <i>Self-gravitating Bose-Einstein condensates</i>	16:50-17:10	Juan Israel Rivas, <i>Bogoliubov space of a Bose-Einstein condensate and quantum spacetime fluctuations</i>	16:50-17:10	Juan Barranco, <i>Dark matter equation of state from astrophysical observations</i>
Ariadna Montiel, <i>Observational constraints on electromagnetic Born-Infeld cosmology</i>	17:10-17:30	Juan Daniel Reyes, <i>Deformed Constraint Algebras from Loop Quantum Gravity</i>	17:10-17:30	Argelia Bernal, <i>TBA</i>
César Hernández, <i>Cosmological constraints on quintessence models: freezing and thawing</i>	17:30-17:50	Ernesto Flores, <i>Propagators for Simple Mechanical Systems in Polymer Quantum Mechanics</i>	17:30-17:50	Yoelsy Leyva, <i>Quintom phase-space: beyond the exponential potential</i>
Mario Gómez, <i>Effects of modify gravity on Baryon Acoustic Oscillations</i>	17:50-18:10	Leonel Toledo, <i>Towards cosmological models in time-dependent compactifications</i>	17:50-18:10	Elias Castellanos, <i>Scalar Fields and Bose-Einstein Condensates</i>
Juan Luis Perez, <i>Cosmological solutions for a two-branes system in a vacuum bulk</i>	18:10-18:30	Cesar Damián, <i>Exotic Orientifolds in Non-Geometric Flux Cosmology</i>	18:10-18:30	Abril Suárez, <i>Study of Finite Temperature Symmetry Breaking and Bose-Einstein Condensate Dark Matter Phase Transition in a Cosmological Context</i>
COFFEE BREAK	18:30-18:50	COFFEE BREAK	18:30-18:50	
Abraham Espinoza, <i>Bianchi Class A Cosmological Models in the Saez-Ballester Theory</i>	18:50-19:10	Víctor Vázquez, <i>A Supersymmetric $n=2$ Approach to Closed String Tachyon Cosmology</i>	18:50-19:10	Luis Martínez, <i>Simulating Galaxy Formation with Scalar Field Dark Matter</i>
Luisa Jaime, <i>About matter and dark-energy domination eras in R^n gravity or lack thereof</i>	19:10-19:30	Miguel Sabido, <i>TBA</i>	19:10-19:30	Galaxia Miranda, <i>Kerr-like Wormhole</i>
Esteban Castillo, <i>TBA</i>	19:30-19:50	Eri Mena, <i>Space Phase Deformed in Cosmology</i>	19:30-19:50	