

XI MEXICAN SCHOOL OF DGyFM-SMF

PARALLEL TALKS

Tuesday December 6		
Parallel A		
17:00	Kris Schroven	Toy model for relativistic accretion in Kerr-Newman space-time
17:20	Tula Bernal	Scalar Field Dark Matter in Clusters of Galaxies
17:40	Rebeca Martínez	Rapid Cosmological Simulations in Dark Mater Models
18:00	Javier D.Chávez	On the propagation speed of cylindrical gravitational waves
18:20	Jaime Mendoza Hernández	Análisis Post-Newtoniano para la detección de ondas gravitacionales usando datos de LIGO
18:40	Francisco S. Guzmán	Classifying the initial conditions of a GRB out of the Light Curve
19:00	José Antonio González	Estimation of the mass of a black hole accreting a hydrodynamic fluid using artificial neural networks.

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Tuesday December 6		
Parallel B		
17:00	Leonardo patiño	<i>Exploring the impact of the existent intense magnetic field on the quark-gluon plasma using gravitational methods.</i>
17:20	Isaac Díaz Saldaña	Supersymmetric Corrections to Schwarzschild Black hole Entropy
17:40	Gilberto Aguilar	Stealth field in FLRW spacetime with non minimal derivative coupling
18:00	Víctor M.Vázquez	<i>Alternative Formulation of FRW cosmology of scalar field in $F(R)$ theories</i>
18:20	Daniel Flores	<i>Topological quantum numbers of dyonic Taub-NUT/Bolt-AdS spaces</i>
18:40	Luis Aragón	On the interpretation of the modified Jutner distribution for a simple relativistic gas.
19:00	Elías Castellanos	<i>Bose--Einstein Condensates, Quantum Gravity and some other things</i>

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PARALLEL TALKS

Thursday December 8

Parallel C

17:00	Francisco Linares	<i>Linear Perturbations for Scalar Field Dark Matter</i>
17:20	Luis Ureña	<i>New perturbative method for analytical solutions in single-field models of inflation</i>
17:40	Pierre-Henri Chavanis	<i>The Logotropic Model</i>
18:00	Nandan Roy	<i>Generalized Brans-Dicke Theory: A Dynamical Systems Analysis</i>
18:20	Ana A. Avilez-Lopez	<i>Testing Theories of Gravity with Vainshtein Mechanism on Large Scales</i>
18:40	José Socorro	<i>Cosmologies with scalar fields from higher dimensions: K-essence like</i>
19:00	Marco A. Reyes	<i>Beyond the SUSY harmonic oscillator, and intrinsic SUSY of the Dawson function</i>
19:20	Valeriy Dvoeglazov	<i>Generalized Equations and Their Solutions in the $(S,0)+(0,S)$ Representations of the Lorentz Group</i>

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PARALLEL TALKS

Thursday December 8

Parallel D

17:00	Angel Garcia-Chung	<i>Polymer-Fourier quantization of the scalar field revisited</i>
17:20	David Vergara	<i>Instanton Solution on the Polymer Harmonic Oscillator</i>
17:40	Ernesto Flores	Towards the Scalar Field Propagator Through Polymer Path Integral
18:00	William Cuervo	Loop Quantum Geometry and Black Hole Singularity: Exact Results.
18:20	Yuri Bonder	An algorithm for quantum gravity phenomenology.
18:40	Daniele Colosi	Canonical Commutation Relations from General Boundary Quantum Field
19:00	Gabriela Anaya González	<i>Aplicación del enfoque lagrangiano para el conteo de grados de libertad a la acción de Palatini-Holst</i>