

TUESDAY DECEMBER 2

PARALLEL SESSIONS

HORA	PARALLEL A	PARALLEL B
16:00	"RELATIVISTIC BONDI-HOYLE ACCRETION ONTO A ROTATING BLACK HOLE: DENSITY GRADIENTS" Alejandro Cruz Osorio	PRESENT ACCELERATED EXPANSION OF THE UNIVERSE FROM NEW WEYL-INTEGRABLE GRAVITY APPROACH Ricardo Águila Gómez
16:20	ACCRETION OF SUPERSONIC GAS ONTO A BLACK HOLE IN 3D Miguel García Linares	SPHERICAL COLLAPSE IN MODIFIED GRAVITY. Mario Alberto Gómez Ramírez
16:40	CAFE: A NEW RELATIVISTIC MHD CODE Fabio Duvan Lora Clavijo	MOND AS THE WEAK-FIELD LIMIT OF THE EXTENDED METRIC THEORY OF GRAVITY $F(\chi)=\chi^{3/2}$ Tula Bernal Marín
17:00	ACOUSTIC PERTURBATIONS OF RADIAL ACCRETION FLOWS Eliana Chaverra Sánchez	An approach to extended gravity using Palatini formalism in MOND Ernesto Barrientos
17:20	RELATIVISTIC EFFECTS ON LARGE SCALES IN THE PERIOD OF STRUCTURE FORMATION Juan Carlos Hidalgo	STUDY OF THE PRODUCTION OF ^{26}Al AND ITS IMPLICATIONS FOR STELLAR NUCLEOSYNTHESIS AND COSMOGENESIS. Victoria Isabel Araujo Escalona
17:40	RELATIVISTIC CORRECTIONS TO COSMOLOGICAL CORRELATION FUNCTIONS Dagoberto Malagón Morejón	BOSE-EINSTEIN CONDENSATE GENERAL RELATIVISTIC STARS Pierre-Henri Chavanis
18:00	COFFEE BREAK	
18:20	GAMMA RAY CONSTRAINTS ON DARK MATTER ANNIHILATION IN DWARF SPHEROIDAL GALAXIES: THE EFFECTS OF BLACK HOLES Alma González	Dark Matter equation of state from rotational curves of galaxies Juan Barranco
18:40	SOBRE LA DINÁMICA DE PARTÍCULAS EN LA VECINDAD DE UN AGUJERO NEGRO: ECUACIÓN DE VLASOV. Paola Domínguez Fernández	COVARIANT METHODS IN RELATIVISTIC THERMODYNAMICS Cesar S López-Monsalvo
19:00	MODELO DE MATERIA OSCURA INTERACTUANTE CON CAMPO ESCALAR GALILEÓN. Roberto Carlos De Arcia Solís	THERMAL DISSIPATION IN CHARGED SINGLE-COMPONENT RELATIVISTIC FLUIDS Ana Laura García Perciante
19:20	GALILEONS AND STRONG GRAVITY Javier Fernando Chagoya Saldaña	THERMODYNAMIC VIABILITY OF AXISYMMETRIC FIELDS Pedro Antonio Sánchez Serrano

Parallel Talks 15+5 minutes.

THURSDAY DECEMBER 4

PARALLEL SESSIONS

HORA	PARALLEL C	PARALLEL D
16:00	GRAVITATIONAL THETA VACUUM Alberto Martín R.	UNIQUE S-MATRIX FOR SCALAR QFT ON ADS BACKGROUND FROM GENERAL BOUNDARY FORMULATION Max Peter DOHSE
16:20	TOPOLOGICAL SPECTRUM OF THE KERR AND KERR-NEWMAN BLACKHOLES Mario A. Torres Oviedo	A NOTE ON THE DEFINITIONS OF DISCRETE SYMMETRIES OPERATORS. Valeriy V. Dvoeglazov,
16:40	ROTATING MORRIS-THORNE SPACETIME Galaxia Miranda	OPERATIONAL GEOMETRY ON DE SITTER SPACETIME Chryssomalis Chryssomalakos
17:00	ISOTROPIZATION OF THE EARLY UNIVERSE IN THE BRANEWORLD PARADIGM. Alfredo Herrera Aguilar	QUANTUM POLYMER MODELS Guillermo Chacón Acosta
17:20	TIME-VARYING COSMOLOGICAL TERM José Socorro García Díaz	TOWARDS AN EFFECTIVE NON-COMMUTATIVE LOOP QUANTUM COSMOLOGY Abraham Espinoza Garcia
17:40	Potencial efectivo en la vecindad del conifold de un CY 3-fold IIB Nana Cabo	WAVE FUNCTION OF THE UNIVERSE FOR A SUPERSYMMETRIC CLOSED STRING TACHYON COSMOLOGY. Víctor Manuel Vázquez Báez
18:00		
19:00	DINNER AT 6:30	

Parallel Talks 15+5 minutes.