

VII Leopoldo García-Colín Mexican Meeting on Mathematical and Experimental Physics

Monday, 17 February 2020

SHORT TALKS: SYMPOSIUM ON BLACK HOLES AND GRAVITATIONAL WAVES (16:00 - 17:30)

time	[id] title	presenter
16:00	[3] HERNANDO QUEVEDO: Geometrodynamics of Black Holes	
16:30	[4] NORA BRETÓN: Regular Black Holes	
17:00	[5] ROBERTO SUSSMAN: Towards a relativistic covariant interpretation of Milgrom's acceleration	

SHORT TALKS: SHORT TALKS: SYMPOSIUM ON BLACK HOLES AND GRAVITATIONAL WAVES (18:00 - 20:00)

time	[id] title	presenter
18:00	[30] ALFREDO HERRERA: Estimation of mass and spin parameters of a Kerr black hole: Newton vs. Einstein	
18:30	[31] ELOY AYÓN-BEATO: On the consistent thermodynamics of Lifshitz black holes	
19:00	[32] DANIEL AMARO: Geodesic Structure of the Einstein-Euler-Heisenberg Black Hole Spacetime	
19:30	[33] LEONARDO PATIÑO: Thermodynamics of D7-branes in supergravity warped black holes.	

SHORT TALKS: SYMPOSIUM ON SCATTERING, QUANTUM AND CLASSICAL WAVE TRANSPORT (18:00 - 20:00)

time	[id] title	presenter
18:00	[44] MIZTLI YÉPEZ: Wave transport through disordered waveguides: the effective response and the statistics of the scattering matrix	
18:30	[45] HUMBERTO LAGUNA: The Wigner function of Open Quantum Systems and position-momentum correlation	
19:00	[46] GABRIELA BÁEZ: Elastic Metamaterial Engineering	
19:30	[111] QUELZATSIN CARRASCO: Phenomenological model for the incoherent addition of two quantum resistors connected in series	

Wednesday, 19 February 2020

SHORT TALKS: SYMPOSIUM ON BLACK HOLES AND GRAVITATIONAL WAVES (16:00 - 17:30)

time	[id] title	presenter
16:00	[10] DENNIS PHILIPP: General Relativistic Geodesy: concepts and effects	
16:30	[11] ELÍAS CASTELLANOS: Bose-Einstein condensates as dark matter halos	
17:00	[12] HUGO MORALES-TÉCOTL: Polymer Quantum Field Theory in the High Energy Regime	

SHORT TALKS: SHORT TALKS (18:00 - 19:00)

time	[id] title	presenter
18:00	[13] ROMÁN LINARES: α' corrections of Black Holes	
18:30	[14] MARIO RODRÍGUEZ-MEZA: A code for perturbation theory in modified gravity	

SHORT TALKS: SYMPOSIUM ON LASER ABLATION (18:00 - 19:00)

time	[id] title	presenter
18:00	[90] MARCO CAMACHO LÓPEZ: Laser-induced transformations in metal oxides and metals.	
18:45	[91] ÁULIDE MARTÍNEZ: Bessel beam propagation in calcium vapor and conical emission.	

SHORT TALKS: SYMPOSIUM ON SCATTERING, QUANTUM AND CLASSICAL WAVE TRANSPORT (18:00 - 19:00)

time	[id] title	presenter
18:00	[54] ADRIÁN ORTEGA: Spectral and transport properties of a simple PT-symmetric tight-binding chain with gain and loss	
18:30	[55] VICTOR IBARRA-SIERRA: Method for finding effective Hamiltonian of time-driven quantum systems	

Thursday, 20 February 2020

SHORT TALKS: SYMPOSIUM ON BLACK HOLES AND GRAVITATIONAL WAVES (16:00 - 17:30)

time	[id] title	presenter
16:00	[17] ANTONIO GARCÍA: Relativistic Runge-Lenz Vector	
16:30	[18] YURI BONDER: Symmetries in theories with nondynamical fields	
17:00	[19] MARCO MACEDA: Noncommutative inspired black holes	

SHORT TALKS: SHORT TALKS (18:00 - 20:00)

time	[id] title	presenter
18:00	[20] DAVID VERGARA: Quantum Geometry from a Noncommutative C^* -twisted Poincaré algebra	
18:30	[21] MIGUEL SABIDO: Noncommutative Cosmology and the Cosmological Constant	
19:00	[22] HUGO COMPEÁN: Deformation quantization of superstrings	
19:30	[23] FRANCISCO TURRUBIATES: Uncertainty relations in arbitrary phase spaces	

SHORT TALKS: SYMPOSIUM ON LASER ABLATION (18:00 - 20:00)

time	[id] title	presenter
18:00	[99] MIGUEL ÁNGEL CAMACHO: Short pulsed laser synthesis of nanomaterials and optical characterization of materials at UAEMex.	
18:45	[100] KATIA DEL CARMEN: Synthesis and optoelectronic properties of nanocomposites of Sb_2S_3 with Si from laser ablated nanocolloids.	
19:00	[101] FERNANDO GONZÁLEZ-ZAVALA: Pulsed laser deposition of silver vanadates thin films employing two non-conventional array plasmas.	
19:15	[102] PATRICIA MALDONADO-ALTAMIRANO: Optical and morphological characterization of CdSe nanoparticles processed by laser ablation in liquid.	

SHORT TALKS: SYMPOSIUM ON SCATTERING, QUANTUM AND CLASSICAL WAVE TRANSPORT (18:00 - 20:00)

time	[id] title	presenter
18:00	[61] CARLOS PINEDA: A quantum framework for coarse graining and fuzzy measurements	
18:30	[62] SHI-HAI DONG: Entanglement measures for W-class states in noninertial frame	
19:00	[68] JOSÉ LUIS LÓPEZ: Presence of Avoided Crossings in Rectangular Thin Plates.	

Friday, 21 February 2020

SHORT TALKS: SYMPOSIUM ON BLACK HOLES AND GRAVITATIONAL WAVES (16:00 - 17:30)

time	[id] title	presenter
16:00	[24] FRANCISCO GUZMÁN: Estimates of black hole parameters in astrophysical systems	
16:30	[25] DANIEL SUDARSKY: A novel account for the nature and magnitude of the Dark Energy	