

## PROGRAM OF TALKS – NEB-XIII

Wednesday (June 4)

	Main Session			Parallel Session	
08:30-09:00	Registration				
09:00-09:45	Opening Ceremony				
09:45-10:45	Ellis	<i>The acceleration of the Universe: Dark Energy or Inhomogeneity?</i>			
10:45-11:10	Coffee Break		10:45-11:10	Coffee Break	
11:10-11:50	Cotsakis	<i>General Relativity and Completeness</i>	11:10-11:35	Cvetkovic	<i>Self-Dual Maxwell Field in 3D Gravity with Torsion</i>
11:50-12:30	Plionis	<i>Alternative Estimates of the Dark Energy Equation of State</i>	11:35-12:00	Papakostas	<i>A New Anisotropic Solution for Ellipsoidal Spaces</i>
12:30-13:10	Perivolaropoulos	<i>Accelerating Universe: Recent Observations and Implications for Extended Gravity Theories</i>	12:00-12:25	Sadoyan	<i>Gravitational Waves from White Dwarfs</i>
13:10-13:40	Kunze	<i>Cosmological Magnetic Fields</i>	12:25-12:50	Chatterjee	<i>General Relativistic Plasma as Window for Extra Dimensions</i>
			12:50-13:15	Andreasson	<i>Sharp Bounds on the Critical Stability Radius for Relativistic Charged Spheres</i>
			13:15-13:40	Anderson	<i>An Attractor in the Space of Cosmic String Loops</i>
13:40-16:00	Lunch Break		13:40-16:00	Lunch Break	
16:00-17:00	Laguna	<i>Binary Black Holes: Extreme Gravitational Physics Simulations</i>			
17:00-17:45	Kanti	<i>Brane-World Black Holes</i>			
17:45-18:10	Coffee Break		17:45-18:10	Coffee Break	
18:10-18:30	Lasky	<i>Gravitational Waves from Gauge-Invariant Perturbations of Spherically Symmetric Spacetimes</i>	18:10-18:35	Battisti	<i>Phenomenological Framework for Loop and Braneworlds Cosmologies</i>
18:30-18:50	Rantsiou	<i>Simulations of BH-NS Mergers</i>	18:35-19:00	Pasipoularedes	<i>Asymmetrically Warped Brane Models</i>
18:50-19:10	Giannios	<i>Prompt GRB Emission from Gradual Energy Dissipation</i>	19:00-19:25	Khadekar	<i>Early Viscous Universe with Variable Cosmological and Gravitational Constants in Higher Dimensional Spacetime.</i>
19:10-19:30	Pappas	<i>Matching of Analytical and Numerical Solutions for Neutron Stars of Arbitrary Rotation</i>			

Thursday (June 5)

	Main Session			Parallel Session	
09:00-10:00	Ashtekar	<i>Loop Quantum Cosmology: An Overview</i>	09:00-10:00		
10:00-11:00	Loll	<i>The Self-Organizing de Sitter Universe</i>	10:00-11:00		
11:00-11:30	Coffee Break		11:00-11:30	Coffee Break	
11:30-12:15	Pullin	<i>Black Holes in Loop Quantum Gravity</i>	11:30-11:55	Cuadros-Melgar	<i>BTZ Strings in Codimension-2 Braneworlds</i>
12:15-12:45	Sakellariadou	<i>Lattice Refining in Loop Quantum Cosmology</i>	11:55-12:20	Zamarias	<i>Regularized Codimension-2 Brane Cosmology</i>
12:45-13:15	Charmousis	<i>Lovelock Theory and Codimension 2 Braneworlds</i>	12:20-12:45	Giambò	<i>Black Hole Formation in Scalar Field Collapse</i>
13:15-13:40	Vagenas	<i>Area Spectrum of Rotating Black Holes via the New Interpretation of Quasinormal Modes</i>	12:45-13:10	Skakala	<i>Finslerian Structure Versus Birefringence</i>
			13:10-13:40	Randono	<i>Mesoscopic Structures in Quantum Gravity</i>
13:40-16:00	Lunch Break		13:40-16:00	Lunch Break	
16:00-17:00	Hough	<i>The Search for Gravitational Waves</i>	16:00-17:00		
17:00-17:45	Psaltis	<i>Probes and Tests of Strong-Field General Relativity</i>	17:00-17:45		
17:45-18:10	Coffee Break		17:45-18:10	Coffee Break	
18:10-18:30	Passamonti	<i>Time Evolution of Fast Rotating Stratified Newtonian Stars</i>	18:10-18:35	Papazoglou	<i>Self-Acceleration and Self-Tuning in 6D Brane Models</i>
18:30-18:50	Sotani	<i>Alfvén QPOs in Magnetars</i>	18:35-19:00	Tsoukalas	<i>Black Holes on Thin 3-branes of Codimension-2 and their Extension into the Bulk</i>
18:50-19:10	Markakis	<i>Neutron Star Equation of State via Gravitational Wave Observations</i>			
19:10-19:50	GREEK RELATIVISTS DISCUSSION				
20:00-22:00	CONFERENCE DINNER				

**Friday (June 6)**

	Main Session			Parallel Session	
09:00-10:00	Frolov	<i>Hidden Symmetries of Higher Dimensional Black Holes</i>	09:00-10:00		
10:00-10:45	Batakis	<i>On the Spontaneous Breaking of Einstein's <math>\lambda</math>-Invariance as a Geometric Alternative to the Higgs Mechanism.</i>	10:00-10:45		
10:45-11:15	Coffee Break		10:45-11:15	Coffee Break	
11:15-12:00	Christodoulakis	<i>Classical &amp; Quantum 2+1 Axially Symmetric Gravity with a <math>\Lambda</math> term</i>	11:15-11:45	Weinfurter	<i>Physical Existence of Signature Change Events and Consequences of an Absolute Time in Emergent Spacetimes from Bose Gas Hydrodynamics</i>
12:00-12:40	Tsampanlis	<i>The Scenario of Collineations in General Relativity</i>	11:45-12:15	Visinescu	<i>Hidden Symmetries, Gravitational Anomalies, and Superalgebras of Dirac Type Operators on Curved Spaces</i>
12:40-13:10	Miritzis	<i>Homogeneous and Isotropic Cosmologies in Higher Order Gravity</i>	12:15-12:45	Wallden	<i>Emergent Continuum Spacetime from a Random, Discrete, Partial Order</i>
13:10-13:40	Basilakos	<i>A Mathematical Description of the Nature of the Dark Energy</i>	12:45-13:15	Carvalho	<i>How to Fake <math>f_{NL} \neq 0</math></i>
			13:15-13:40	Kleidis	<i>Gravitational Waves vs. Cosmic Strings</i>
13:40-16:00	Lunch Break				
16:00-16:55	Siopsis	<i>Bjorken Flow from an AdS Schwarzschild Black Hole</i>	13:40-16:00	Lunch Break	
16:55-17:45	Abdalla	<i>Interacting Dark Energy and Dark Matter</i>			
17:45-18:10	Coffee Break		16:00-17:00		
18:10-18:30	Apostolatos	<i>Chaos in Orbits: a Possible Identification of non-Kerr Black Holes</i>	17:00-17:45		
18:30-18:50	Sotiriou	<i>6+1 Lessons from <math>f(R)</math> Gravity</i>	17:45-18:10	Coffee Break	
18:50-19:10	Esteban	<i>Geometric Properties of Magnetized Black Holes Event Horizons and Ergosurfaces</i>	18:10-18:35	Florides	<i>On the Tolman and Møller Mass--Energy Formulae in General Relativity</i>
19:10-19:30	Fanidakis	<i>Evolution of Supermassive Black holes in Hierarchical Cosmologies</i>	18:35-19:00	Spyrou	<i>Negative Mass and Repulsive Gravity in Newtonian Theory, and Consequences</i>
			19:00-19:25	Kokkotas	<i>Oscillations and Instabilities of Fast Rotating Neutron Stars</i>

(SOC session)