

Parallel talks

Tuesday sessions (A, B):

A

Eri Atahualpa Mena Barboza
Cosmological solution from string theory.

Carlos Alberto Ortiz Gonzalez
Supersymmetric FRW cosmological model inside of an isolated Schwarzschild black hole.

Carlos Martínez Prieto
Classical and quantum time dependent solutions in string theory.

Alberto Sanchez Moreno
Gowdy T3 Cosmological Models in $N = 1$ Supergravity.

Victor Villalba
Exact solution of relativistic wave equations in the field of a gravitational instanton.

Alfredo Herrera Aguilar
The BFV quantization method applied to EMDA theory.

Lee Bum-Hoon
D- branes in pp-wave geometry

B

Robert Oeckl
Making quantum mechanics background free: the general boundary approach.

José Antonio Zapata
Effective loop quantized theories

Elisa Manrique
Renormalization without a background metric: The two-dimensional example.

Axel Weber
Compact $U(1)$ on a spatial lattice: duality, photons, and confinement.

Merced Montesinos
Covariant description of parametrized nonrelativistic Hamiltonian systems.

Etera Livine
On a harmonic oscillator representation of loop quantum gravity.

Florian Girelli

Deformed special relativity: problems and solutions.

Jonathan Engle

Quantum geometry and black hole entropy; inclusion of distortion and rotation.

Jay Olson

A unified model of loop quantum gravity and matter.

Thursday sessions (C,D):

C

Marcelo Salgado

Scalar hairy black holes, solitons and isolated horizons.

Nora Breton

Isolated horizons in non-linear electrodynamics.

Hidefumi Nomura

The asymptotic quasinormal mode of dilatonic black hole.

Héctor H. Hernández Hernández

Rotating black holes as a brane-antibrane system

Omar Pedraza

Atoms in brane-world scenarios

Gilberto Silva Ortigoza

2-geometries and the Hamilton-Jacobi equation

Mario Serna

Charge uniqueness and the hidden spatial geometry of electromagnetism.

Luis Ureña

Geodesics in Newtonian oscillators.

D

Alberto García

The Physics of 2+1 gravity.

José David Vergara

The Hopf Algebra of renormalization, normal coordinates and Kontsevich deformation quantization.

Valeri Dvoeglazov

Importance of the normalization in the quantum theories.

Roman Linares

Group manifold reduction of gravity on $S(3)$.

Homer G. Ellis

Quantum effects from a purely geometrical relativity.

Antonio García Zenteno

Duality and Dirac bracket.

Igor Peña

And...where is the radiation? accelerated charges and quantum states.

Hugo García-Compean

Towards SDp-brane quantization.