



New perspectives of Cosmology and Quantum Gravity

Date: December 5, 2016

Time: 9:30-18:00

Location: R812, Astro-Math Building

Free Registration : <https://goo.gl/forms/JdB4ZIOhJsddmN93>



Deadline for registration: Dec 1, Thursday

TIME	SPEAKER	TALK TITLE
09:30-10:00		Welcome Coffee
Chair: Dong-han Yeom (2 hours)		
10:00-11:00	Antonino Marciano	Cosmology with fermions
11:00-11:30	Suddho Brahma	Emergence of non-Riemannian space-time structures
11:30-12:00	Jibril Ben Achour	Rotating Black Holes States counting in Loop Quantum Gravity
12:00-13:30		Lunch
Chair: Fabien Nugier (2 hours)		
13:30-14:00	Frederico Arroja	Mimetic Gravity
14:00-14:30	Dong-han Yeom	Fuzzy Euclidean wormholes in de Sitter space
14:30-15:00	Fabien Nugier	Adapted coordinates, turning past light-cones into double light-cones
15:00-15:30	Hsu-Wen Chiang	A Quantization of Spacetime Based on Spin(3,1) Symmetry
15:30-16:00		Coffee Break
Chair: Frederico Arroja (2.5 hours)		
16:00-16:30	Jakub Bilski	Quantum Reduced Loop Gravity
16:30-17:00	Yu-Hsiang Lin	Initial conditions of inflation and the power suppression of CMB spectrum
17:00-17:30	Chien-Ting Chen	Dark Energy Induced Anisotropy in Cosmic Expansion
17:30-18:00	Che-Yu Chen	Quantum avoidance of the big rip singularity in Eddington-inspired-Born-Infeld theory
18:00-18:30	Chih-Huna Wu	Broken bridges : A counter-example of the ER=EPR conjecture