

## Schedule of talks

Monday, Sept. 7

	Name	Title
9.00 – 9.15	JKG	Opening
9.15 – 10.00	Padmanabhan	Distribution function of the atoms of spacetime and the nature of gravity
10.00 – 10.45	Meissner	Soft breaking of conformal symmetry and the Planck scale
10.45 – 11.15	COFFEE BREAK	
11.15 – 12.00	Percacci	Progress towards asymptotic safety of gravity
12.00 – 12.30	Rachwał	Finite and Nonlocal Quantum Gravity
12.45 – 15.00	LUNCH BREAK	
15.00 – 15.40	Ballesteros	(A)dS Drinfel'd doubles and Quantum Gravity with cosmological constant
15.40 – 16.10	Gielen	Space as a quantum gravity condensate: quantum cosmology from fundamental quantum gravity
16.10 – 16.40	COFFEE BREAK	
16.40 – 17.00	Bilski	Scalar field in the cosmological sector of loop quantum gravity
17.00 – 17.20	Chattopadhyay	Scalar field dark energy models in chameleon Brans-Dicke cosmology
17.20 – 17.40	Sergyeyev	Infinitely many nonlocal conservation laws for vacuum anti-self-dual Einstein equations with nonzero cosmological constant
17.40 – 18.00	Gnatenko	Rotational symmetry in a space with canonical noncommutativity of coordinates

## Tuesday Sept. 8

	Name	Title
9.00 – 9.45	Brustein	Quantum state of the black hole
9.45 – 10.30	Thorlacius	Black Hole Complementarity: The Inside View
10.30 – 11.00	COFFEE BREAK	
11.00 – 11.45	Nomura	Black Hole Information and Constituents of Spacetime
11.45 – 12.30	Barrau	Loop quantum cosmology
12.30 – 15.00	LUNCH BREAK	
15.00 – 15.45	Sułkowski	Knots and physics - once and again
15.45 – 16.05	Kanatchikov	Quantum gravity at the Planck and Hubble scale from the perspective of precanonical quantization
16.05 – 16.35	COFFEE BREAK	
16.35 – 16.55	Letizia	Phenomenology of effective geometries from quantum gravity
16.55 – 17.15	Vasyuta	Hydrogen atom in space with spin noncommutativity
17.15 – 17.35	Baloi	Fermion production in magnetic fields on de Sitter universe
17.35 – 17.55	Sporea	The scattering of Dirac fermions on Schwarzschild black holes - a partial wave analysis approach
17.55 – 18.15	Thüringen	Dimensional flow in superpositions of spin networks

## Wednesday Sept. 9

	Name	Title
9.00 – 9.45	Bojowald	Results and applications of canonical effective methods in quantum theories
9.45 – 10.30	Krasnov	Gravity in terms of connections
10.30 – 11.00	COFFEE BREAK	
11.00 – 11.45	Oriti	Group field theory renormalization and emergent cosmology
11.45 – 12.30	Arzano	Is purity eternal at the Planck scale?
12.30 – 15.00	LUNCH BREAK	
15.00 – 15.40	van Tongeren	Noncommutative field theory as a hologram
15.40 – 16.15	Mielczarek	Phenomenology of Causal Dynamical Triangulations
16.15 – 16.45	COFFEE BREAK	
16.45 – 17.10	Stichel	On the nonrelativistic limit of a self-gravitating pressureless and irrotational fluid with energy flow
17.10 – 17.30	Finocchiaro	The imposition of simplicity constraints in Spin foam models: prescriptions and implications
17.30 – 17.50	Zipfel	A stability criterion for coherent states

## Thursday Sept. 10

	Name	Title
9.00 – 9.45	Freidel	Geometry of relative locality
9.45 – 10.30	Minic	Relative locality, metastring theory and modular space-time
10.30 – 11.00	COFFEE BREAK	
11.00 – 11.45	Lewandowski	
11.45 – 12.15	Bodendorfer	Symmetry reductions in loop quantum gravity based on classical gauge fixings
12.15 – 15.00	LUNCH BREAK	
15.00 – 15.45	Lukierski	Quantum-deformed covariant phase spaces as Hopf algebroids
15.45 – 16.20	Mercati	Wormhole formation in Shape Dynamics
16.20 – 16.50	COFFEE BREAK	
16.50 – 17.10	Addazi	Neutron Majorana mass from Exotic Instantons
17.10 – 17.30	Cabbolet	Berkelian idealism regarding properties in orthodox quantum mechanics, and implications for quantum gravity
17.30 – 17.50	Brizuela	Quantum-gravitational effects on scalar and tensor perturbations during inflation
17.50 – 18.10	Makinen	A new Hamiltonian operator for loop quantum gravity

## Friday Sept. 11

	Name	Title
9.00 – 9.45	Dvali	Black hole quantum computing
9.45 – 10.30	Amelino-Camelia	Ace in the river
10.30 – 11.00	COFFEE BREAK	
11.00 – 11.45	Magueijo	Quantum Gravity and the observable Early Universe
11.45 – 12.30	Prokopec	Bounce from torsion in semiclassical Cartain-Einstein theory
12.30 – 15.00	LUNCH BREAK	
15.00 – 15.35	Marciano	Area-law in loop Quantum Gravity
15.35 – 16.15	Gubitosi	Vacuum fluctuations in theories with non-trivial momentum space
16.15 – 16.45	COFFEE BREAK	
16.45 – 17.05	Palmisano	DSR Relativistic Compatibility Conditions For Theories With Curved Momentum Space
17.05 – 17.25	Morita	Information-theoretic approach to inhomogeneous cosmology
17.25 – 17.45	Bianco	Phenomenology from the DSR-deformed relativistic symmetries of 3D quantum gravity via the relative-locality framework
17.45 – 18.00	JKG	Closing remarks