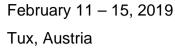
## 7<sup>th</sup> TUX WORKSHOP ON QUANTUM GRAVITY



Program, Feb 12







Universität Regensburg

	Monday	Tuesday	Wednesday	Thursday	Friday
13:30-14:10	Jorge Pullin Loop quantum gravity for axisymmetric spacetimes	<i>Guillermo Mena Marugán</i> Perturbations in Hybrid Loop Quantum Cosmology: Continuum Limit in Fourier Space	Anupam Mazumdar Confronting Quantum Gravity in a Laboratory	Florian Hopfmüller Holographic Renormalization in Flat Space: Symplectic Potential and Charges of Electromagnetism	<i>Tomasz Trzesniewski</i> Field theory with compact phase space
14:10-14:50	<i>Mehdi Assanioussi</i> Investigating Hamiltonian regularizations in LQG using symmetry reduced models	<i>Beatriz Elizaga Navascu</i> Hamiltonian diagonalization in hybrid quantum cosmology	Philipp Höhn From quantum reference systems to quantum general covariance	Gaoping Long Coherent intertwiner solutions of simplicity constraints in all dimensional loop quantum gravity	<i>Denis Dobkowski-Rylko</i> Petrov type D equation on the Hopf Bundle
14:50-15:20	Coffee Break (30 min)				
15:20-16:00	<i>Cong Zhang</i> A model of bouncing evolution from full loop quantum gravity	<i>Natascha Riahi</i> On solutions for unimodular quantum cosmology	<i>Igor Kanattsikov</i> On the Schroedinger wave functional and precanonical quantization in curved space- time	Sergio Hörtner Gravitational duality near cosmological space-times	<i>Johannes Münch</i> Effective Quantum Extended Spacetime of Polymer Schwarzschild Black Hole
16:00-16:40	Andreas Rabenstein Entanglement Entropy in SU(N) Yang-Mills theory	Pascal Fries Code properties of states in lattice gauge theory	<i>Andrzej Dragan</i> Computing by moving	Maciej Kolanowski Conformally covariant quantum states given on conformal Killing horizons	<i>Stratos Pateloudis</i> Matrix Models: an introduction
16:40-17:10	Coffee Break (30 min)				
17:10-17:50	Vaclav Zatloukal Quantum physics with real Clifford algebra and its relation with gravity	Saeed Rastgoo Interior of Schwarzschild: further quantum corrections, issues and remedies	General discussion	<i>Thomas Zilker</i> Quantum surface holonomies	Fabio Mele Is limiting curvature mimetic gravity an effective polymer quantum gravity?
17:50-18:30	General discussion	General discussion	18:30: Joint walk to Höllensteinhütte, starting at conference venue	General discussion	General discussion
18:30-End	General discussion	General discussion	Conference Dinner 19:15, Höllensteinhütte, Lanersbach 510 (far!)	General discussion	General discussion

Startup dinner: Sunday, Feb 10, 18:30, in "Tuxer Grillkuchl", Lanersbach 381.