

# Second EFI winter conference on quantum gravity - black holes and dynamics

February 10 - 14 2014

Tux, Austria

Draft program, version of Feb 13



	Monday Feb 10	Tuesday Feb 11	Wednesday Feb 12	Thursday Feb 13	Friday Feb 14
13:00-14:00					
13:30	Wolfgang Wieland Continuous spinors for discretised gravity	Robert Oeckl Encoding local dynamics without time	Thomasz Pawlowski Separable Hilbert spaces in polymer quantum mechanics	Daniele Pranzetti CFT/gravity duality on the isolated horizon	Antonia Zipfel Plebanski sectors of the Lorentzian 4-simplex amplitude
14:00-15:00	Bianca Dittrich Spin foams as a continuum theory	John Schliemann The Large-Volume Limit of a Quantum Tetrahedron is a Quantum Harmonic Oscillator	Guillermo Mena Uniqueness of Fock quant. and signature change in cosmology	Marc Geiller Black hole radiation and self-dual loop gravity	Julian Rennert Anisotropic Spinfoam Cosmology
15:00-16:00	15:00 Discussion (20 min)				
	Coffee Break (20 min)				
15:40	Wojciech Kaminski Surprises in the asymptotic analysis of the spin-foam vertex	Christian Fleischhack Configuration Spaces: Reduction vs. Quantization	Javier Olmedo Loop quantization of spherically symmetric vacuum spacetimes	Norbert Bodendorfer Some comments on black hole entropy from loop quantum gravity	Francesco Cianfrani Quantum reduced loop gravity
16:00-17:00	Daniele Oriti A second quantized (Fock space) formulation of LQG and what it can be useful for	Maximilian Hanusch Invariant Connections: Classical, Quantum and Applications	Saeed Rastgoo On the singularity resolution of the CGHS black hole	Hal Haggard The entanglement spectrum of a sphere	Discussion
	Coffee Break				
17:00-18:00	17:10 Discussion (20 min)				
	Coffee Break (20 min)				
17:50	Mingyi Zhang Null twisted geometry	Suzanne Lanery An alternative state space for quantum gravity		Hanno Sahlmann Black hole horizons from within LQG	Jędrzej Świeżewski Deparametrising GR with distances and angles...
18:00-19:00	Discussion	Discussion		Discussion	Jerzy Lewandowski ... and interpreting it geometrically.
19:00-20:00			19:20 Conference dinner		

# Participants

First Name	Last Name	Affiliation
Seramika	Ariwahjoedi	University Aix-Marseille
Mehdi	Assanioussi	University Warsaw
Benjamin	Bahr	University Hamburg
Norbert	Bodendorfer	University Warsaw
Sylvain	Carrozza	University Aix-Marseille
Goffredo	Chirco	University Aix-Marseille
Francesco	Cianfrani	University Wroclaw
Andrea	Dapor	University Warsaw
Bianca	Dittrich	Perimeter Institute
Marco	Finocchiaro	MPI for Gravitational Physics
Christian	Fleischhack	University Paderborn
Marc	Geiller	Penn State University
Hal	Haggard	University Aix-Marseille
Muxin	Han	University Aix-Marseille
Maximilian	Hanusch	University Paderborn
Wojciech	Kaminski	Perimeter Institute
Marcin	Kisielowski	University Warsaw
Suzanne	Lanery	University Erlangen-Nürnberg

First Name	Last Name	Affiliation
Jerzy	Lewandowski	University Warsaw
Ilkka	Makinen	University Warsaw
Guillermo	Mena	Institute for the Structure of Matter
Robert	Oeckl	National Autonomous University of Mexico
Javier	Olmedo	University of the Republic
Daniele	Oriti	MPI for Gravitational Physics
Tomasz	Pawlowski	Andres Bello University
Daniele	Pranzetti	University Erlangen-Nürnberg
Saeed	Rastgoo	UNAM Morelia
Julian	Rennert	University Heidelberg
Hanno	Sahlmann	University Erlangen-Nürnberg
John	Schliemann	University Regensburg
Jan	Sikorski	University Warsaw
Jędrzej	Świeżewski	University Warsaw
Casey	Tomlin	MPI for Gravitational Physics
Wolfgang	Wieland	Penn State University
Mingyi	Zhang	University Aix-Marseille
Antonia	Zipfel	University Warsaw