

Local Quantum Physics Workshop No. 31

» Local Quantum Physics, Gravity, Mathematical Structures «

23.-24.11.2012 / MPI-MiS, Inselstr. 22, room G10

for further information, visit univie.ac.at/lqp2/lqp31



Friday, 23.11.

14:00-14:10	<i>Welcome address</i>	
14:10-14:50	Raimar Wulkenhaar	Exact solution of a non-local four-dimensional QFT
14:55-15:35	Daniela Cadamuro	Locality in integrable QFTs - characterization and explicit examples
15:40-16:00	<i>coffee break</i>	
16:00-16:40	Jan Schlemmer	Thermal states of deformed Quantum Field Theories
16:45-17:25	Falk Lindner	On the equivalence of the approaches to thermo field theory in the context of perturbative AQFT
17:30-17:50	<i>break</i>	
17:50-18:30	Gennaro Tedesco	Multilocal Fermionization
18:35-19:15	Michał Eckstein	Spectral Action on Quantum Spheres

Saturday, 24.11.

09:15-09:45	Daniel Paulino	The DFR-Algebra for Poisson Vector Bundles
09:50-10:20	Albert Much	Effective Quantum Plane from Quantum Physics
10:25-10:55	Benjamin Eltzner	Quantization of Perturbations in Inflation
11:00-11:25	<i>coffee break</i>	
11:25-11:55	Marco Benini	Quantum field theories on affine bundles
12:00-12:40	Thomas-Paul Hack	A toy model for quantum field theory on curved supermanifolds
12:40-14:10	<i>lunch break</i>	
14:10-14:50	Manuel Hohmann	Observer space geometry of Finsler spacetimes
14:55-15:25	Reza Safari	Coherent states on curved spacetime and the semi-classical Einstein equation