

QMath11 - WEDNESDAY, SEPTEMBER 8

Time	Plenary / Session 1 / General	Time	Session 2	Time	Session 3
	AULA		A1		A2
	Invited talks QI <i>Chair: Nilanjana Datta</i>		Contributed talks ST <i>Chair: Simone Warzel</i>		Contributed talks MBQM <i>Chair: Robert Sims</i>
9.00-9.40	Frank Verstraete Mixing times of quantum Markov processes	9.00-9.30	Takuya Mine Self-adjoint extensions of the Aharonov-Bohm Hamiltonian on Riemannian manifolds	9.00-9.30	Roman Sverdlov Completely local interpretation of many-body quantum phenomena
9.45-10.25	Tobias Osborne Holographic quantum states	9.35-10.05	Francoise Truc Weyl Law for Laplacian with constant magnetic field on non-compact hyperbolic surfaces with finite area	9.35-10.05	Itaru Sasaki On the ionization energy of the semirelativistic Pauli-Fierz model
10.30-11.10	Toby Cubitt The quantum and classical embedding problems	10.10-10.40	Matěj Tušek On the two-dimensional Coulomb-like potential with a central point interaction	10.10-10.40	Cem Yüce Rotating Ultracold Dipolar Gases
		10.45-11.15	Igor Lobanov Spectral properties of leaky star graph	10.45-11.15	Abdelmalek Abdesselam On the ground state energy for massless Nelson models
11.15-11.45	<i>Coffee break</i>				
	Invited talks PSS <i>Chair: Petr Šeba</i>		Contributed talks ST <i>Chair: Andrea Posilicano</i>		Contributed talks QC <i>Chair: Stephane Nonnenmacher</i>
11.45-12.25	Bernhard Steffen Reliability issues in the microscopic modelling of pedestrian movement	11.45-12.15	Hagen Neidhardt Boundary triplets and a result of Jost and Pais: an abstract approach	11.45-12.15	Jens Bolte Many-particle systems on quantum graphs with singular interactions
12.30-13.10	Marcin Fialkowski Morphology of the land parcel mosaic: The key to understand the urbanization process	12.20-12.50	Yuri Kordyukov Adiabatic spectral asymptotics on foliated manifolds	12.20-12.50	Oleh Hul Parameter-dependent spectral statistics of quantum graphs
13.15-13.55	Daniel Vašata Urban structure analysis	12.55-13.25	Anatolij Prykarpatsky A generalized Hodge type analysis of Delsarte-Lions permutation operators in multidimension	12.55-13.25	Eugene Kanzieper Integrable theory of quantum transport in chaotic cavities
13.55-14.30	<i>Lunch break and free afternoon</i>				
14.30-24.00	Excursion				
