

QUANTUM PROBABILITY: PAST, PRESENT AND FUTURE

Statistics and Mathematics Unit,
INDIAN STATISTICAL INSTITUTE, BANGALORE

Updated on August 5, 2017

Time	August 10, 2017 Thursday	August 11, 2017 Friday	August 12, 2017 Saturday
9.40-10.20	Registration and Welcome	Martin Lindsay The φ -conditional expectation, Markovian cocycles and the 4-semigroups approach	Un Cig Ji Wick Calculus for Admissible White Noise Operators and Applications
10.20-11.00	Franco Fagnola On the decoherence-free subalgebra and the set of fixed points.	Stefano Olla Scales matter	P. Gibilisco Integrability of the generalized Proudman-Johnson equation, alpha-connections and the geodesics of the L^p spheres.
11.00-11.30	Coffee		
11.30-12.10	Michael Skeide Hilbert Modules - A Modern Language for Quantum Probability	Chandrashekar C M Quantum walks and quantum random walks	N. Watanabe On Mutual Entropy for Quantum Dynamical Systems.
12.10-12.50	Hayato Saigo The Arcsine Law, Quantum-Classical Correspondence, Orthogonal Polynomials and All That	Jaeseong Heo Hypercyclicity in operator algebras and operator theory	Luigi Accardi The Azema martingale in quantum probability: a survey and recent results.
1.00-2.20	Lunch		
2.20-3.00	K R Parthasarathy From QSDE to the Gisin-Percival state diffusion equation	Panel discussion on Quantum Probability: Past, Present and Future	
3.00-3.30	Coffee		
3.30-4.10	Takashi Matsuoka On Entangled Markov Chain		
4.10-4.30	Coffee		
4.30-5.00		Felicitations of Prof. Luigi Accardi	
8.00-9.00	Dinner	Special Dinner (Bus departs at 7.30PM from Main gate)	