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Workshop on Noise and Instabilities in Quantum Mechanics | (smr 1675)

Wednesday 05 October 2005

POSTER SESSION PRESENTATIONS + GET-TOGETHER DRINK

- Main Building, Lobby (16:00-19:00)

POSTERS TO BE PRESENTED

(as of 5/10/2005)

1) Leonardo Ermann

Decoherence with a chaotic environment: quantum walk with the quantum baker's map

2) Mikko Mottonen

High fidelity one-qubit operations under random telegraph Noise

3) Alexandre Dodonov

Microscopic models of quantum jump super-operators

4) Wiem Ben Chouikha

Decoherence effects on entangled states of two electrons in coupled quantum dots

5) Roberto Serra

Effective multipartite entanglement under decoherence: some preliminary results

6) Branko Gumhalter

Ultrafast dynamics and electron decoherence in surface bands

7) Melanie Lebental

Dielectric microlasers

8) Davide Rossini

From perfect to fractal transmission in spin chains

9) Jayendra Bandyopadhyay

Chaos and Entanglement

10) Ignacio Garcia-Mata

Phase Space Contracting Channels**11) Mario Aolita*****Direct measurement of a superconducting transmission line's Wigner function through a Cooper-pair box*****12) Giuseppe Florio*****Effects of noise in holonomic quantum computation*****13) Raul Vallejos*****Entangling power of baker's map: Role of symmetries*****14) Antonio D'Arrigo*****Decoherence in Josephson qubits*****15) Sangchul Oh*****Entanglement of impurity and conduction spins in the Kondo model*****16) Stefan Filipp*****Spatial Geometric Phase in Neutron Interferometry and Decoherence Properties*****17) Patricia Levstein*****Environmentally induced quantum dynamical phase transition in the spin swapping operation*****18) Thiago Oliveira*****Genuine multipartite entanglement in quantum phase transitions*****19) Dipti Banerjee*****Qubit rotation and Berry Phase***

time	title	presenter
16:00	POSTER SESSION PRESENTATIONS + GET-TOGETHER DRINK	