

Open Systems Days 2007

November 9+10, 2006

CPT-CNRS UMR 6207

Université du Sud Toulon-Var

Thursday, November 9

14 :00 – 14 :45 CPT-Amphi 5 : ION NECHITA (Univ. Lyon)

Random density matrices.

15 :00 – 15 :45 CPT-Amphi 5 : TONY DORLAS (DIAS-Dublin)

Optimal coding of classical messages for a quantum channel with memory.

17 :00 – 17 :45 CPT-Amphi 5 : YAN PAUTRAT (Univ. Orsay)

An estimate for locally perturbed Fermi gasses.

Friday, November 10

9 :00 – 9 :45 CPT-Amphi 5 : CLÉMENT PELLEGRINI (Univ. Lyon)

Quantum trajectories

10 :30 – 11 :15 CPT-Amphi 5 : STEPHAN DE BIÈVRE (Univ. Lille)

Diffusion, linear friction and Ohmic transport in a Hamiltonian open system.

11 :30 – 12 :15 CPT-Amphi 5 : DOMINIQUE SPEHNER (Univ. Grenoble)

Decoherence and quantum measurements.

14 :00 – 14 :45 CPT-Amphi 5 : NILS BERGLUND (CPT-Toulon)

Metastability and desynchronization in a noisy classical chain.

15 :00 – 15 :45 CPT-Amphi 5 : WALTER ASCHBACHER (TU-München)

Nonequilibrium correlations of the XY-spin chain.

17 :00 – 17 :45 CPT-Amphi 5 : LAURENT BRUNEAU (Univ. Cergy)

Repeated interaction quantum systems.