

**Workshop « Disordered quantum systems »
April 23th – July 20th, 2012**

All the events of the workshops will take place at IHP, 11 rue Pierre et Marie Curie, Paris 5^{ème}.

Program from May 28th to June 1st, 2012

MONDAY MAY 28th, 2012

FREE DAY – IHP CLOSE HIS DOORS

TUESDAY MAY 29th, 2012

11 am – 12.30 pm Lecture (Amphithéâtre Darboux)

Benoît DOUCOT : Physical implementation of protected qubits (I).

2.30 pm – 3.30 pm Seminar (Amphithéâtre Darboux)

Jiannis PACHOS : Anyonic transport phenomena in random environments.

WEDNESDAY MAY 30th, 2012

11 am – 12.30 pm Lecture (Amphithéâtre Darboux)

Benoît DOUCOT : Physical implementation of protected qubits (II).

2.30 pm – 3.30 pm Seminar (Amphithéâtre Darboux)

Giovanni MODUGNO : Experiments with ultracold disordered bosons with tunable interaction: ground state properties and diffusion.

3.30 pm – 4.30 pm Seminar (Amphithéâtre Darboux)

Laurent SANCHEZ-PALENCIA : Anderson localization of matter waves in tailored three-dimensional disorder.

THURSDAY MAY 31st, 2012

11 am – 12.30 pm Lecture (Amphithéâtre Darboux)

Thomas SPENCER : A phase transition for a 3D SUSY Hyperbolic sigma model (1).

2.30 pm – 3.30 pm Seminar (Amphithéâtre Darboux)

Philippe BOUYER : Simulating quantum transport with atoms and light.

3.30 pm – 4.30 pm Seminar (Amphithéâtre Darboux)

Vladimir YUDSON : Statistics of Strongly Localized States at the Kappus-Wegner anomaly of a 1D Anderson Chain.

FRIDAY JUNE 1st, 2012

11 am – 12 pm Seminar (Amphithéâtre Darboux)

Margherita DISERTORI : A phase transition for a 3D SUSY Hyperbolic sigma model (2).

2.30 pm – 3.30 pm Seminar (Amphithéâtre Darboux)

Igor LERNER : Impurity scattering in electron-phonon Luttinger liquid.

4 pm – 4.30 pm – Tea break on the second floor