

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 21st to 25th, 2012**MONDAY MAY 21st, 2012**

11 am – 12 pm Seminar (Amphithéâtre Darboux)

Charles CLARK : Use of advanced features of the NIST Digital Library of Mathematical Functions.

2.30 pm – 3.30 pm Seminar (Amphithéâtre Darboux)

Misha FEIGELMAN : Fractal superconductivity near localization threshold and origin of a pseudogap.

TUESDAY MAY 22nd, 2012

11 am– 12.30 pm Lecture (Amphithéâtre Darboux)

Igor ALEINER : Many-body localization and finite temperature métal-insulator transition in electron systems and quantum gases (I).

2.30 pm – 3.30 pm Seminar (Amphithéâtre Darboux)

Claude CHAPELIER : Tunneling spectroscopy of fluctuating and localized preformed Cooper pairs in highly disordered superconducting films.

WEDNESDAY MAY 23th, 2012

11 am – 12 pm Seminar (Amphithéâtre Darboux)

Vadim CHEIANOV : Thermodynamics of magnetic impurities in Dirac Conductors.

2.30 pm – 3.30 pm Seminar (Amphithéâtre Darboux)

Ady STERN : Fractionalizing Majorana fermions: Non-abelian anyons on the edges of abelian quantum Hall states

THURSDAY MAY 24th, 2012

11 am – 12.30 pm Lecture (Amphithéâtre Darboux)

Igor ALEINER : Many-body localization and finite temperature métal-insulator transition in electron systems and quantum gases (II).

FRIDAY MAY 25th, 2012

11 am – 12.30 pm Lecture (Amphithéâtre Darboux)

Igor ALEINER : Many-body localization and finite temperature métal-insulator transition in electron systems and quantum gases (III).

2.30 pm – 3.30 pm Seminar (Amphithéâtre Darboux)

Giulio BIROLI : Difference between ergodicity, level statistics and localization transitions for the Anderson model on the Bethe lattice

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