

Thematic program of the

## Centre Emile Borel

« INTERACTING PARTICLE SYSTEMS, STATISTICAL MECHANICS AND  
PROBABILITY THEORY »

September 5<sup>th</sup> – December 19<sup>th</sup>, 2008

All the events of the workshop will take place at IHP, 11 rue Pierre et Marie Curie, Paris 5<sup>ème</sup>.

### Program from November 3<sup>rd</sup> to 7<sup>th</sup>, 2008

#### Monday November 3<sup>rd</sup>, 2008

9.30am – 11am Mini Course 1 (Amphithéâtre Darboux)

**Fabio MARTINELLI : Kinetically constrained interacting particle systems.**

2pm – 3.30pm Mini Course 2 (Amphithéâtre Darboux)

**Fabio MARTINELLI : Kinetically constrained interacting particle systems.**

4pm – 5.30pm Mini Course 1 (Amphithéâtre Darboux)

**Senya SHLOSMAN : Statistical mechanics of queuing networks on highly-connected graphs.**

#### Tuesday November 4<sup>th</sup>, 2008

9.30am – 11am Mini Course 3 (Amphithéâtre Darboux)

**Fabio MARTINELLI : Kinetically constrained interacting particle systems.**

1.30pm – 3.30pm Long Course 5 (Amphithéâtre Darboux)

**Ellen SAADA : Exclusion processes and applications.**

4pm – 5.30pm Mini Course 2 (Amphithéâtre Darboux)

**Senya SHLOSMAN : Statistical mechanics of queuing networks on highly-connected graphs.**

#### Wednesday November 5<sup>th</sup>, 2008

11am – 1pm Long Course 9 (Amphithéâtre Darboux)

**Geoffrey GRIMMETT : Discrete Spatial and Physical Processes in Probability.**

2pm – 3.30pm Long Course 10 (Amphithéâtre Darboux)

**Geoffrey GRIMMETT : Discrete Spatial and Physical Processes in Probability.**

4pm – 5.30pm Mini Course 3 (Amphithéâtre Darboux)

**Fabio MARTINELLI : Kinetically constrained interacting particle systems.**

**Thursday November 6<sup>th</sup>, 2008**

11am – 1pm Long Course 7 (Amphithéâtre Hermite)

**Hermann THORISSON : Coupling Methods in Probability Theory.**

2pm – 3.30pm Long Course 8 (Amphithéâtre Hermite)

**Hermann THORISSON : Coupling Methods in Probability Theory.**

**Friday November 7<sup>th</sup>, 2008**

9.30am – 11am Mini Course 4 (Room 314 on the third floor)

**Senya SHLOSMAN : Statistical mechanics of queuing networks on highly-connected graphs.**

11.30am – 12.30pm Seminar (Room 314 on the third floor)

**Ron PELED : K-Wise independent percolation.**

4pm – 5.30pm Mini Course 4 (Amphithéâtre Darboux)

**Senya SHLOSMAN : Statistical mechanics of queuing networks on highly-connected graphs.**

**NB : 3.30pm – 4pm – Coffee Break on the second floor**

