

Summer School on “Combinatorics, Geometry, and Physics”

organized by
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June 2 - 13, 2014

Schedule, Week 1: June 2 - 6, 2014

Schedule, Week 1: June 2 - 7, 2014

• **Monday, June 2, 2014**

09:00 **Opening & Registration**

09:30 – 10:30 **Philippe Di Francesco**
Matrix Models and Map Combinatorics

10:30 – 11:00 *coffee/tea break*

11:00 – 12:30 **Exercise Session**

12:30 – 14:00 *lunch break*

14:00 – 15:00 **Iain Moffatt**
Graph Polynomials in Knot Theory

15:00 – 15:30 *break*

15:30 – 16:30 **Iain Moffatt**
Graph Polynomials in Knot Theory

16:30 – 18:00 **Exercise Session**

• **Tuesday, June 3, 2014**

09:00 – 10:30 **Iain Moffatt**
Graph Polynomials in Knot Theory

10:30 – 11:00 *coffee/tea break*

11:00 – 12:30 **Exercise Session**

12:30 – 14:00 *lunch break*

14:00 – 15:00 **Philippe Di Francesco**
Matrix Models and Map Combinatorics

15:00 – 15:30 *break*

15:30 – 16:30 **Philippe Di Francesco**
Matrix Models and Map Combinatorics

16:30 – 18:00 **Exercise Session**

20:00 **Social Dinner Evening**

• **Wednesday, June 4, 2014**

09:00 – 10:30 **Philippe Di Francesco**
Matrix Models and Map Combinatorics

10:30 – 11:00 *coffee/tea break*

11:00 – 12:30 **Exercise Session**

12:30 – 14:00 *lunch break*

14:00 – 16:00 Students' presentations:

14:00 – 14:25 **Valentin Slepukhin**
Infrared dynamics of the massive φ^4 theory on de Sitter space

14:30 – 14:55 **Eveliina Peltola**
Multiple SLE pure geometries by means of quantum group techniques

15:00 – 15:25 **Sanjay Ramassamy**
Dimers on rail yard graphs

15:30 – 15:55 **Alexi Morin-Duchesne**
Integrability in the dimer model

• **Thursday, June 5, 2014**

09:00 – 10:30 **Iain Moffatt**
Graph Polynomials in Knot Theory

10:30 – 11:00 *coffee/tea break*

11:00 – 12:30 **Exercise Session**

12:30 – 14:00 *lunch break*

14:00 – 15:00 **Philippe Di Francesco**
Matrix Models and Map Combinatorics

15:00 – 15:30 *break*

15:30 – 16:30 **Philippe Di Francesco**
Matrix Models and Map Combinatorics

16:30 – 18:00 **Exercise Session**

• **Friday, June 6, 2014**

09:00 – 10:30 **Iain Moffatt**
Graph Polynomials in Knot Theory

10:30 – 11:00 *coffee/tea break*

11:00 – 12:30 **Exercise Session**

12:30 – 14:00 *lunch break*

14:00 – 15:00 **Discussion of problems**

15:00 – 15:30 *break*

15:30 – 18:00 **Discussion of problems**

All lectures take place in the ESI Boltzmann Lecture Hall