Students´ presentations - Wednesday July 9, 2008

PROGRAMME

14:00 – 14:25   Lauren WILLIAMS
"The Grassmannian, PASEP, and combinatorial Hopf algebras"

14:30 – 14:55   Jang Soo KIM
"Permutation and tableau containment"

15:00 – 15:30   Coffee break

15:30 – 15:55   Jue WANG
"The flow and tension spaces and lattices of signed graphs"

16:00 – 16:25   Shishuo FU
"Combinatorial proof of one congruence for the broken 1-diamond
partition and possible generalization"

16:30 – 16:55   Daniele D'ANGELI
"The dimer model on the Sierpinski gasket and on the Pascal
graph"

Students´ presentations - Wednesday July 16, 2008

PROGRAMME

14:00 – 14:25   Olivier BERNARDI
"A recursive approach for counting coloured maps" (joint work with Mireille Bousquet-Mélou)

14:30 – 14:55   Phan-Thuan DO
"Efficient generating algorithms for some combinatorial object classes"

15:00 – 15:30   Coffee break

15:30 – 15:55   Stephan WAGNER
"Matchings and perfect matchings in self-similar graphs"

16:00 – 16:25   Gor HAIRAPETYAN
"Lattice approach in the generalized model of polypeptide chain"

16:30 – 16:55   Eran NEVO
"A characterization of simplicial polytopes with $g_2 = 1$" (joint work with Eyal Novinsky)