

Short relation on the visit of Y. Spinka to Roma Tre
(in the framework of the DMCP Marie Curie project)

Yinon Spinka (PhD student at Tel Aviv University, under the supervision of Prof. Ron Peled) visited the Department of Mathematics and Physics of Roma Tre from May 18 to May 22, 2015. He gave a seminar on “ Long-range order in random 3-colorings”. Also, he worked with F. Martinelli, P. Caputo and myself on the problem of 3-colorings of the bi-dimensional lattice and its relation with roughening transition for discrete height interface models.

This is related to one of the main research topics of the Marie Curie Project DMCP. In particular we discussed at length a method due to Goldberg et al. to obtain rapid mixing for the Glauber dynamics of 3-colorings of a finite domain of the two-dimensional grid.

Fabio Toninelli
fellow researcher
Marie Curie action DMCP

