



# Statistical Mechanics of Unsatisfiability and Glasses

## Friday, 25 May 2012

### Glasses (09:00 - 17:00)

time	[id] title	presenter
09:00	[263] Phase transition for cutting-plane approach to vertex-cover problem	Prof. ALEXANDER, Hartmann
09:45	[260] On existence of equilibrium domains in non-equilibrium systems	Dr MOZEIKA, Alexander
10:15	Coffee break	
10:45	[262] Analog approaches to hard optimization: from Sudoku to CNNs	Prof. ERCSEY RAVASZ, Maria Magdolna
11:30	[251] Search methods for tile sets in patterned DNA self-assembly	Dr CZEIZLER, Eugen
12:00	Lunch	
14:00	[268] From sequence co-evolution to protein (complex) structure prediction	Prof. WEIGT, Martin
14:45	Coffee break	
15:15	[266] Inference: an algebraic perspective	Prof. MARSILI, Matteo
16:00	[265] Replica analysis of sparse l1-reconstruction with concatenated L-orthogonal basis	Dr VEHKAPERÄ, Mikko