

P653 Fall 2007 : Term paper topics (Planned)

Levon Azizyan	"Collective behavior of neural networks"
Robin Baur	"Stochastic aspects of gene regulation" (*)
Diarmuid Cahalane	"Criticality in constraint satisfaction" (*)
Kayvon Daie	"Thin-film transport as continuous-time random walk" (*)
Ethan Geil	"Collective transport in random media, CDWs" (*)
Praveen Gowtham	"Random field Ising models and Hysteresis"
Yoav Kallus	"Statistical physical models of RNA folding"
Eliot Kapit	"Studying the Bethe ansatz"
Sejoon Lim	"Ginzburg-Landau theory of superconductivity" (*)
David Marsh	"The physics of the d=2 O(3) model"
Dean Robinson	"Self-organizing criticality"
Mark Transtrum	"The Bethe Ansatz and 1D delta-function interacting gases"
Dan Wohns	"Scaling theory of And. localization"
Zach Wolfson	"RG and universality for Period doubling maps" (*)