

Spin & Higgs Models

Wednesday 10:55 - 11:55 *Gert Aarts*

Vincenzo Branchina Higgs effective potential: stable or unstable?
Joshua Elliott Three Dimensional N=2 Supersymmetry on the Lattice
Anders Tranberg Simulations of Cold Electroweak Baryogenesis

Thursday 2:10 - 3:50 *Shailesh Chandrasekharan*

Elmar Bittner Vortex-Line Percolation in a Three-Dimensional Complex Ginzburg-Landau Model
Sandro Wenzel Kert'esz Line in the 3D Compact U(1) Lattice Higgs Model
Iorwerth Thomas Fermion propagators in QED₃ with velocity anisotropies
Raghunath Ratabole Infrared behaviour of massless QED in three space-time dimensions
Wolfhard Janke The F model on dynamical quadrangulations

Friday 4:20 - 6:00 *Wolfhard Janke*

Andreas Nussbaumer Evaporation/Condensation of Ising Droplets
Oleg Borisenko Duals of non-abelian spin models: local formulation, low-temperature asymptotics and continuum limit
Ulli Wolff Cutoff effects in the O(N) sigma model at large N
Tzahi Yavin Classical simulation of quantum $\lambda \phi^4$

Posters

Leszek Bogacz QMC simulation of Heisenberg ferromagnet
Igor Bogolubsky On nonlocal order parameters and phase transition in the SU(2)-Higgs model
Andres Díaz-Gil Magnetic field production after inflation
Pietro Giudice QED₃ on a space-time lattice: a comparison between compact and noncompact formulation
Ralph Kenna Properties of phase transitions of higher order