

Program - 1st Bethe Center Workshop

Friday, 9th October 2009

Time	Speaker	Title
9:20 -9:30		Welcome
9:30 -10:00	Ulf-G.Meissner	Hadrons in a box
10:00 -10:30	Manuel Drees	Dark Matter Particles
10:30 - 11:00		Coffee Break
11:00 - 11:30	Hartmut Monien	Optimal frequency grids and random matrix theory
11:30 - 12:30	Show and Tell	Group members briefly introduce themselves
12:30 - 14:00		Lunch break
14:00 - 14:30	Evgeny Epelbaum	Nuclear forces from EFT
14:30 - 14:50	Simon Kreuzer	Three-body bound states in finite volume with EFT
14:50 - 15:10	Laszlo Borda	Kondo underscreening cloud: spin-spin correlations around a partially screened magnetic impurity
15:10 - 15:40		Coffee Break
15:40 - 16:00	Ivonne Zavala	Inflation in String Theory
16:00 - 16:20	Karina Williams	HiggsBounds - using results from the Higgs searches at LEP and the Tevatron to constrain extensions to the Standard Model
16:20 - 16:40	Murad Alim	Recent progress in Mirror Symmetry
16:40 - 17:00	Peter Bruns	Vector mesons in chiral perturbation theory
17:00 - 17:20	Jumin Kim	One-loop corrections to the relic density for the mixed-state Dark Matter
17:30		Reception / Dinner

Saturday, 10th October 2009

Time	Speaker	Title
9:30 - 10:00	Herbert Dreiner	Supersymmetry phenomenology
10:00 - 10:30	Hans-Werner Hammer	Universality in cold atoms and beyond
10:30 - 11:00		Coffee Break
11:00 - 11:30	Hans Peter Nilles	The Quest for Unification
11:30 - 12:00	Stefan Förste	Particle Physics from Strings
12:00 - 12:30	Johann Kroha	Nonequilibrium dynamics in strongly correlated and disordered many-body systems
12:30 - 14:00		Lunch break
14:00 - 14:30	Thomas Grimm	String Geometry and Grand Unification
14:30 - 14:50	Heinrich Hartmann	Hodge structures of the Quartic K3 and its Mirror
14:50 - 15:10	Denis Klevers	Branes and effective Superpotentials in F-Theory
15:10 - 15:40		Coffee Break
15:40 - 16:00	Kerstin Helfrich	The heteronuclear Efimov effect
16:00 - 16:20	Jong-Soo Kim	Rapidity Gap Events in Squark Pair Production at the LHC
16:20 - 16:40	Martin Hoferichter	Isospin violation in pion-nucleon scattering
16:40 - 17:00	Peter Henseler	Interplay of Anderson localization and interactions