

# Seminars

Several participants contributed interesting seminar talks. It is not possible to include them here, but we want at least give the list of seminar speakers (alphabetically ordered) and topics covered by them.

**J. Bohacik (SAS Bratislava):**

Heavy Quarks Potential in the Continuum SU(2) Theory at Finite Temperature

**W. Bürger (Techn. Univ. Wien):**

Charge Polarization in Compact QED

**C.R. Gatttringer (Univ. Graz):**

Study of Resonance Scattering in a Simple 2-d Lattice Model

**E. Gerstenmayer (Techn. Univ. Wien):**

Quantum Gravity on Simplicial Lattices

**M. Grabenstein (Univ. Münster):**

Acceptance Rates in Multigrid Monte Carlo

**M. Hasenbusch (Univ. Kaiserslautern):**

High Precision Monte Carlo Study of Solid-on-solid Models

**A. Hulsebos (Univ. Liverpool):**

Multigrid Exploration of the XY-Model

**E.M. Ilgenfritz (Univ. Leipzig):**

Finite Temperature Higgs Transition at Weak Couplings

**A.N. Ivanov (Univ. St. Petersburg) and M. Nagy (SAS Bratislava):**

Problem of Bosonization of Local Four-quark Operators

**R. Kenna (Univ. Graz):**

Logarithmic Corrections to Scaling in  $\Phi_4^4$

**C. Klimcik (Univ. Prague):**

Grassmann Integral Topological Invariants

**S. Lee (Univ. of Florida, Gainesville):**

3-d Langevin

**T. Lippert (Univ. Wuppertal):**

Multi Scale Updating of U(1) Lattice Gauge Theory

**P.V. Malyshev (Univ. Kiev):**

Solution of the Cauchy Problem for BBGKY Hierarchy of Equations

**E. Myers (Univ. of Texas, Austin):**

Non Compact Sigma Models and their Relation to Quantum Gravity

**W. Petersen (ETH Zürich):**

New Methods to Solve Langevin Equations

**H. J. Pirner (Univ. Heidelberg):**

Color Dielectric Model of QCD

**J. Przeszowski (PAS Warsaw):**

Alpha Regularization for the Axial Gauge Condition - the Basis of Calculable Theory

**H. Rosu (Univ. Bucharest):**

On the Unruh Effect in Storage Rings

**T. Trappenberg (RWTH Aachen):**

Z(3) Instantons and Tunneling of Hot Gluons

**F. Zimmermann (RWTH Aachen):**

Finite Size Effects and Scaling Analysis of the O(4) Theory in the Broken Phase

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