

MIRROR CONFERENCE OF  
THE PITTSBURGH MEETING OF THE AMERICAN PHYSICAL SOCIETY  
THE 100. & 102. STATISTICAL MECHANICS CONFERENCES  
TRAJECTORIES AND FRIENDS MIT SYMPOSIUM\*



**15:00 Apollonian Tulips and Infinitely Robust Order in Scale-Free Networks with Quenched Disorder**

**C.N. Kaplan** (Brandeis U), A.N. Berker (Sabancı U), M. Hinczewski (U Maryland)

**15:10 Superfluid Networks with Mesoscopic Structure as Models of Supersolid  $^4\text{He}$**

**B. Yücesoy** (U Mass Amherst), J. Machta (UMA), N. Prokof'ev (UMA), B. Svistunov (UMA)

**15:20 The Tensor Renormalization-Group Method: High-Accuracy Phase Diagrams of Systems with Frozen Impurities**

**C. Güven** (U Maryland), A.N. Berker, M. Hinczewski

**15:30 Vibrational Properties of Metal Nanowires under Tensile Stress**

**Y. Şengün** (ITU), S. Durukanoğlu (ITU)

**15:40 Atomistic Mechanisms in Double Layer Island Decays on Ag(111)**

**B. Onat** (ITU), S. Durukanoğlu

**15:50 Atomistic Simulations of Elastic Properties of Metal Nanowires**

**M. Konuk** (ITU), S. Durukanoğlu

**16:00 Thermal Denaturation of Circular DNA through Supercoil Formation**

**A. Kabakçoğlu** (Koç U), E. Orlandini (U Padova), D. Mukamel (Weizmann Inst Sci)

**16:10 Chaotic Spin Correlations in Frustrated Ising Hierarchical Lattices**

**N. Aral** (Koç U), A.N. Berker

**16:20 Charge Ordering in the  $d=3$  Falicov-Kimball Conduction / Localized Electron Model**

**O. Sarıyer** (Koç U), A.N. Berker, M. Hinczewski

**16:30 Multiplicity of Phases of Lattice Hard-Core Fermions and Bosons in  $d=3$**

**V.O. Özçelik** (Koç U), A.N. Berker, M. Hinczewski

**16:40 Quenched-Vacancy Induced Spin-Glass Order**

**G. Gülpınar** (Dokuz Eylül U), A.N. Berker

**16:50 Çay ve Pasta**

\*Fotodaki en fazla sayıda kişiyi ilk belirleyene özel ödül vardır. Fotodakiler katılamaz.  
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