



15:00 Çarşamba 29 Aralık 2010
TÜBİTAK - Boğaziçi Üniversitesi Feza Gürsey Enstitüsü, Kandilli
MIRROR CONFERENCE OF
THE DALLAS MEETING OF THE AMERICAN PHYSICAL SOCIETY,
THE 103. STATISTICAL MECHANICS CONFERENCE*



- 15:00 **Viscous Compressible Hydrodynamics at Planes, Spheres, and Cylinders with Finite Surface Slip**
A. Erbaş (Technical U München), Rudolf Podgornik (Technical U München), Roland R. Netz (Technical U München)
- 15:10 **Characteristic Time Scales and Overlap Distributions in Replica Exchange Monte Carlo Simulations of Spin Glasses**
B. Yücesoy (U Mass. Amherst), J. Machta (U Mass. Amherst), H.G. Katzgraber (Texas A&M & ETH Zürich)
- 15:20 **Theory of Depletion Induced Phase Transition from Chiral Smectic-A Twisted Ribbons to Semi-Infinite Flat Membranes**
C.N. Kaplan (Brandeis U), H. Tu (Brown U), R.A. Pelcovits (Brown U), R.B. Meyer (Brandeis U)
- 15:30 **Tensor Renormalization Group Method: Application to Systems with Quenched Randomness and Percolation**
C. Güven (U Maryland), A.N. Berker (Sabancı U), M. Hinczewski (U Maryland)
- 15:40 **Water Flow through Carbon Nanotubes: Charge-Controlled Gating**
O.S. Sariyer (Koç U), C. Güven (U Maryland), D.J. Bonthius (Technical U München), A.N. Berker (Sabancı U), R.R. Netz (Technical U München)
- 15:50 **Glauber Dynamics Study of the Dynamic Phase Transition of the Kinetic Spin-1 Blume-Capel Model with Random Crystal Field**
Erol Vatansever (Dokuz Eylül U), G. Gülpınar (Dokuz Eylül U)
- 16:00 **Magnetic Relaxation in the Metamagnetic Ising Model**
G. Gülpınar (Dokuz Eylül U), Erol Vatansever (Dokuz Eylül U)
- 16:10 **Mode Coupling and Anharmonicity in a Fluctuating Native Protein**
A. Kabakçoğlu (Koç U), D. Yuret (Koç U), M. Gür (Koç U) , B. Erman (Koç U)
- 16:20 **Interface Roughening Transition of the $d=3$ Ising Model from Hard-Spin Mean-Field Theory**
T. Çağlar (Koç U), A.N. Berker (Sabancı U)
- 16:30 **XY Spin Glasses**
E. İlker (Sabancı U), A.N. Berker (Sabancı U)
- 16:40 **Spontaneous Formation of a Nanotube from a Nanowire**
M. Konuk (ITU), S. Durukanoğlu (Sabancı U)
- 16:50 **Embedded Atom Method Potentials for Metals and their Alloys**
B. Onat (ITU), S. Durukanoğlu (Sabancı U)
- 17:00 **Vibrational Characteristics at Nanoscale**
Y. Şengün (ITU), S. Durukanoğlu (Sabancı U)
- 17:10 **Çay, Pasta ve Sohbet**

*Fotodaki sınav sorusunu ve cevabını ilk belirleyene özel ödül vardır. nihatberker@sabanciuniv.edu