



**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. Bonthuis (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