

LÜTFEN DUYURU TAHTASINA ASINIZ

**Sabancı
Universitesi**

**SABANCI UNIVERSITY
MINERVA PALAS
KARAKÖY Bankalar Caddesi no 2**



19:00 Monday 26 December 2016

10. Traditional International MIRROR CONFERENCE

Statistical and Condensed Matter Physics – Social Responsibility

- 19:00 **Water, Women, and Society**
Sondan Durukanoğlu (Sabancı U)
- 19:20 **Universality in the 2D Blume-Capel model**
A. Malakis (U Athens, Greece), J. Zierenberg (Leipzig U, Germany), N. Fytas (Coventry U, UK), M. Weigel (Coventry U, UK), W. Janke (Leipzig U, Germany)
- 19:30 **Microeconomics: the Costs of Noise Reduction in MicroRNA-Regulated Protein Expression**
E. İlker (Case Western Reserve U, USA), M. Hinczewski (Case Western Reserve U, USA)
- 19:40 **Energy Conversion in Polyelectrolyte Hydrogels**
A. Erbaş (Northwestern U, USA), M.O. de la Cruz (Northwestern U, USA)
- 19:50 **Test of Halperin-Lubensky-Ma Universal Scaling Form around N - SmA Transition via Birefringence Measurements on 8CB-10CB Liquid Crystals Mixtures**
S. Yıldız (ITU), M.C. Çetinkaya (ITU), Ş. Üstünel (ITU), H. Özbek (ITU), J. Thoen (Leuven U, Belgium)
- 20:00 **Depinning as a Coagulation Process**
M. İşeri (Boğaziçi U), D.C. Kaspar (Brown U), M. Mungan (Boğaziçi U)
- 20:10 **Twist-Induced Asymmetry in Hairpin Melting Dynamics**
A. Kabakçioğlu (Koç U), H. Li (Koç U), M. Öztürk (Koç U)
- 20:20 **The Denaturation and Renaturation Behaviors of DNA**
H. Li (Koç U), X. He (Tianjin U)
- 20:30 **Space-Time Scaling in $\pm J$ Spin Glasses**
O.S. Sarıyer, (Pîrî Reis U)
- 20:40 **Walking in the Functional Zoo of Density Functional Theory**
A.S. Özen (Pîrî Reis U), Z. Akdeniz (Pîrî Reis U)
- 20:50 **A Study of the Rolling Mechanism of a Single Molecule on a Metal Surface: Density Functional Theory and Molecular Dynamic Simulations**
M. Madran (Sabancı U), A.S. Özen (Pîrî Reis U), Z. Akdeniz (Pîrî Reis U), S. Durukanoğlu (Sabancı U)
- 21:00 **Devil's Staircase Continuum in the Chiral Clock Spin Glass with Competing Ferromagnetic-Antiferromagnetic and Left-Right Chiral Interactions**
T. Çağlar (Sabancı U), A.N. Berker (Sabancı U)
- 21:45 **Dinner at Restaurant to be announced in Historic Neighborhood**