



**XVI. International Symposium on
“Disordered Systems: Theory and Its Applications”**

**May 25 - 27, 2016,
İstanbul University, İstanbul, Turkey**

May 25, 2016 – Wednesday

09:30-10:00 Registration

Welcome Meeting

10:00-10:20 Opening

10:20-11:05 “Human intelligence: a chaotic system at work”

Kemal Türker, *Koç University, Istanbul, Turkey*

11:05-11:50 “Recent developments in superstatistics”

Christian Beck, *Queen Mary, University of London, UK*

11:50 Symposium Group Photo

12:00-13:30 Symposium Lunch

14:00-14:45 “Simple chaotic systems and jerky systems of physical interest”

Avadis Hacinliyan, *Yeditepe University, Istanbul, Turkey*

14:45-15:15 “The role of scale index method in determining weak periodic signals”

Nazmi Yılmaz, Mahmut Akıllı and K. G. Akdeniz

Istanbul University and Koç University, Istanbul, Turkey

15:15-16:00 Visiting to Beyazıt Tower in the Main Campus of Istanbul University

16:00-16:15 Tea-Coffee Time

16:15-18:00 Discussion Time in the Main Campus of Istanbul University

May 26, 2016 – Thursday

10:00-10:45 “History of QCD”

Harald Fritzsch, *Ludwig Maximilian University of Munich, Germany*

- 10:45-11:30 “Ageing at the edge of chaos”
Alberto Robledo, *National Autonomous University of Mexico, Mexico*
- 11:30-11:45 Tea-Coffee Time
- 11:45-12:30 “Tangent map intermittency as an approximate analysis of intermittency in a high dimensional fully stochastic dynamical system”
Henrik Jensen, *Imperial College London, UK*
- 12:30-13:30 Symposium Lunch
- 14:00 Golden Horn Trip
Guided and Operated by Gediz Akdeniz (www.gedizakdeniz.com)

May 27, 2016 - Friday

- 10:00-10:45 “Extreme reduction of configuration space and occurrence of q-statistics in rank distributions”
G.Cigdem Yalcin, *İstanbul University, Istanbul, Turkey*
- 10:45-11:30 “Freeman’s nonlinear dynamics of cortical phase transition dynamics in beta-gamma transitions in perception”
R.Murat Demirer, *Üsküdar University, Istanbul, Turkey*
- 11:30-11:45 Tea-Coffee time
- 11:45-12:30 “Correlation functions in non-crystalline structures”
Hasan Tatlıpınar, *Yıldız Technical University, Istanbul, Turkey*
- 12:30-13:30 Symposium Lunch
- 14:00-14:30 “Is it physiological or pathological to be chaotic?”
Tamer Zeren, *Celal Bayar University, Manisa, Turkey*
- 14:30-15:00 “The self-organizing and autonomous behaviors practice as metis”
Alp Yağız Tangün, *Political culture researcher, Istanbul, Turkey*
- 15:00-17:00 Advisory Committee Meeting
Closing Remarks

Contact:

Coordinator

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Celal Bayar University
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Working Group