

*TURKISH NONLINEAR SCIENCE WORKING GROUP*

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

**23 - 29 August 2011**  
**Karaburun, İzmir, Turkey**

[www.non-linearscience.org](http://www.non-linearscience.org)

**23 August 2011 – Tuesday**

14.00 - 18.00      Registration  
Welcome Meeting and  
Assignment Member of Workshops

**24 August 2011 – Wednesday**

09.00 - 11.00      Registration

11.00 - 13.00      Workshop Meetings

13.00 - 14.30      Symposium Lunch

15.45 - 16.00      Opening

16.00 - 17.00      “Self Organised Criticality”  
**Gunnar Pruessner, Imperial College London, UK**

17.00 - 18.00      “Normal and Anomalous Diffusion in Nonlinear  
Fokker-Planck Equations”  
**Evaldo M. F. Curado, Brazilian Center for Physics  
Research, Rio de Janeiro, Brazil and Laboratoire APC,  
Université Paris Diderot, Paris, France**

18.00 - 20.00      Mayor of Karaburun Municipality Cocktail

**25 August 2011 – Thursday**

11.00 - 13.00      Workshop Meetings

13.00 - 14.30      Symposium Lunch

- 15.00 - 17.30 Workshop Meetings  
 17.30 - 18.00 Coffee break  
 18.00 - 19.00 "*Nonlinear Quantum Systems*"  
**Hasan Tatlıpınar**, *Yıldız Technical University, İstanbul, Turkey*  
 19.00 - 20.00 "*Optimization of the Properties of LiNbO<sub>3</sub> Crystal by High Temperature Heat---Treatment*"  
**Damla Bulut**, *Yıldız Technical University, İstanbul, Turkey*

### **26 August 2011 – Friday**

- 11.00 - 13.00 Workshop Meetings  
 13.00 - 14.30 Symposium Lunch  
 15.00 - 17.30 Workshop Meetings  
 17.30 - 18.00 Coffee break  
 18.00 - 19.00 "*Twinned and Oriented Structure Relations in Shape Memory Alloys*"  
**Osman Adıgüzel**, *Firat University, Elazığ, Turkey*  
 19.00 - 20.00 "*A New Hypothesis About Human Evolution*"  
**Oktay Kaynak**, *Urla, Turkey*  
 20.30 - Symposium Party

### **27 August 2011 – Saturday**

- 11.00 - 13.00 Workshop Meetings  
 13.00 - 14.30 Symposium Lunch  
 15.00 - 16.00 Workshop Meetings  
 16.00 - 16.30 Coffee break  
 16.30 - 17.30 "*Complexity in Heterodoxy*"  
**K.Gediz Akdeniz**, *İstanbul University, Turkey*  
 17.30 - 18.30 "*Basic Notion on Complex Systems*"  
**Evaldo M. F. Curado**, *Brazilian Center for Physics Research, Rio de Janeiro, Brazil and Laboratoire APC, Université Paris Diderot, Paris, France*  
 18.30 - 19.30 "*Lake of Transparency on Social Networks*"  
**G.Reza Jafari**, *Shahid Beheshti University, Tehran, Iran*

## **28 August 2011 – Sunday**

- 11.00 - 13.00      Workshop: “Complexity in Medicalphysics”  
Coordinator: **Tamer Zeren**, *Celal Bayar University, Turkey*
- 13.00 - 14.30      Symposium Lunch
- 15.00 - 16.00      “Complexity of Multilingual Information Retrieval : Skills  
in Specialized Indexing Languages”  
**Omar Larouk**, *ENSSIB---ELICO, University of Lyon, France*
- 16:00 - 16.30      Coffee break
- 16.30 - 17.30      “The Mean Field Theory of the Contact Process Revisited”  
**Gunnar Pruessner** , *Imperial College London, UK*
- 17.30 - 18.30      “Quantum Philosophy”  
**Haluk Berkmen** , *IAEA (Retired)*

## **29 August 2011 – Monday**

- 10.00 - 12.30      Trip - Karaburun Peninsula
- 13.00 - 14.30      Symposium Lunch
- 14.30 - 16.30      Closing Remarks

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