

The Science of Complexity

International Minerva Workshop

March 29-April 1, 2009

Eilat, Israel, Princess Hotel

Supported by:



❖ Minerva Center



❖ Bar-Ilan University



❖ Israel Science Foundation

Topics:

- Correlated systems
- Synchronization
- Extreme events
- Chaotic lasers
- Low dimensional systems
- Complex networks
- Information and communication theories
- Quantum phase transition
- Long term memory in Nature

Organizing Committee:

- Ido Kanter, Chair (Israel)
- Richard Berkovits (Israel)
- Shlomo Havlin (Israel)
- Armin Bunde (Germany)
- Wolfgang Kinzel (Germany)
- Hans Weidenmüller (Germany)

Princess Hotel, Eilat, Israel, 2009
<http://ory.ph.biu.ac.il/workshop2009>



Invited speakers:

Y. Alhassid	A. Coniglio	P. Ivanov	J. Kurths	F. von Oppen	Y. Shavitt
J. S. Andrade	N. Davidson	D. Helbing	J. L. Lebowitz	Y. Oreg	O. Shental
A.-L. Barabasi	W. Dieterich	M. Heiblum	I. Lerner	U. Parlitz	E. Shimshoni
E. Ben-Jacob	O. Entin-Wohlman	Y. Kabashima	H. Makse	A. Pikovsky	P. Silvestrov
H. Benner	F. Evers	B. Kahng	F. Mallamace	I. Procaccia	S. Solomon
A. Blumen	I. Fischer	J. Kantelhardt	R. Mantegna	M. Rosenbluh	H.E. Stanley
S. Bocalletti	A. Frydman	V. Kashcheyev	K. Matveev	J. Reichardt	H. Taitelbaum
S. Buldyrev	Y. Gefen	J. Kertesz	V. Meden	D. Saad	M. Timme
A. Bunde	T. Geisel	W. Kinzel	J.F.F. Mendes	A. Schiller	N. Tishby
S. Carmi	M. Goldstein	S. Kirkpatrick	D. Mukamel	E. Schöll	A. Vespignani
R. Cohen	T. Ihn	J. Klafter	H. Nishimori	H. G. Schuster	A. Weichselbaum