

## Workshop on Complex systems

### Programme:

Wednesday, October 22		
Start	End	ROOM 3
9:20	9:30	<b>OPENING</b>
9:30	10:15	Yanner Bar-Yam: <i>Complex systems science and global crises</i>
10:15	10:45	<b>COFFEE BREAK</b>
10:45	11:30	José Soares de Andrade: <i>Robustness, transport and synchronization in complex networks</i>
11:30	12:15	Hilda Cerdeira: <i>Can we predict an epileptic seizure?</i>
12:15	14:00	<b>LUNCH</b>
<b>AUDITORIUM</b>		
14:00	15:15	<b>IFT/ICTP-SAIFR COLLOQUIUM</b> - Eduardo Altman: <i>A complex-systems view on language dynamics</i>
15:15	15:45	<b>COFFEE BREAK</b>
15:45	16:30	Renato Vicente: <i>Evolution of altruism in group-structured populations</i>
16:30	17:15	Miguel Fuentes: <i>Stochastic Path Perturbation Approach Applied to Non-Local Non-Linear Equations in Population Dynamics</i>
17:15	17:40	<b>SHORT BREAK</b>
17:40	18:10	Flora Bacelar: <i>Life history and mating systems select for male biased parasitism mediated through natural selection and ecological feedbacks</i>
18:10	18:40	Francisco Rodrigues: <i>Centrality and dynamical processes on complex networks</i>
Thursday, October 23		
<b>ROOM 3</b>		
9:30	10:15	Jorge Pacheco: <i>Linking individual to collective behavior on complex networks</i>
10:15	10:45	<b>COFFEE BREAK</b>
10:45	11:30	Nestor Caticha: <i>Cognitive limits, social interactions and the breakdown of the egalitarian society: an information theory approach</i>
11:30	12:15	Marcos Luz: <i>The Levy foraging theory and fragmented landscapes</i>
12:15	14:15	<b>LUNCH</b>
<b>AUDITORIUM</b>		
14:15	14:45	Edgardo Brigatti: <i>The Role of Neighbours Selection on Cohesion and Order of Swarms</i>
14:45	15:30	Ronald Dickman: <i>Failure of Steady-State Thermodynamics</i>
15:30	16:00	<b>COFFEE BREAK</b>
16:00	16:45	Gullermo Abramson: <i>Space use by foragers consuming renewable resources</i>
16:45	17:30	Renio Mendes: <i>Violent conflicts and crime</i>