

<b>Day 1- Monday, January 21, 2008</b>				
<b>Start</b>	<b>End</b>	<b>Room</b>	<b>Speaker</b>	<b>Title</b>
8:00		BREAKFAST		
9:00	9:30		Ebeling/Scharnhorst	Welcome/Introduction
9:30	10:00		Schuster	Evolution and molecules. Basic questions of biology seen with physicists' eyes.
10:00	10:30		Weisbuch	Production networks, failure avalanches and spatial economics
10:30	11:00	BREAK		
11:00	11:30		Feistel	Physics and information: structures, symbols, and self-organisation
11:30	12:00		Axtell	to be announced
12:00	12:30		Allen	Evolution in biological and social systems
12:30		LUNCH	and	POSTERS
14:30	15:00		Blaschke	Standard concepts and new ideas on the evolution of the universe
15:00	15:30		Poeschel	The complex life of a granular gas
15:30	16:00		Cebrat	Phase transition in the biological evolution
16:00	16:30	BREAK		
16:30	17:00		Stauffer	Computer simulation of language competition
17:00	17:30		Bornholdt	Toy models for evolving dynamical networks in complex systems
17:30	17:45		Roess	About the Wilhelm and Else Heraeus Foundation
18:30		DINNER		Followed by a social evening at the invitation of the Wilhelm und Else Heraeus Foundation in the "Bürgerstube" at the Physikzentrum

<b>Day 2- Tuesday, January 22, 2008</b>				
<b>Start</b>	<b>End</b>	<b>Room</b>	<b>Speaker</b>	<b>Title</b>
8:00		BREAKFAST		
9:00	9:30		Van den Broek	Beyond the second law
9:30	10:00		Proto	Gibbs entropy and dynamical systems
10:00	10:30	BREAK		
				<i>SESSION: Critical events in evolving networks (I)</i>
10:30	11:00		Holyst	Who wins in competition of social networks?
11:00	11:30		Ausloos	Statistical dynamics of populations with degrees of freedom on networks. A religious approach
12:00		LUNCH	and	POSTERS
				<i>SESSION: Critical events in evolving networks (II)</i>
14:00	14:30		Thelwall	RSS feeds and blogs as data sources for evolving topics and discussions
14:30	15:00		Leydesdorff	The communication of meaning in anticipatory systems: a simulation study of the dynamics of intentionality in social interactions
15:00	15:30	BREAK		
15:30	16:00		Scharnhorst	Knowledge landscapes as adaptive landscapes – exploring knowledge transfer from physics to information sciences
16:00	16:30		Boerner	Mapping the structure and evolution of science
16:30	18:00			Poster Session
18:30		DINNER		
20:00			Charles van den Heuvel	Modeling the world - Paul Otlet's (1868-1944) visualizations of science and society

<i>Day 3 - Wednesday, January 23, 2008</i>				
<b>Start</b>	<b>End</b>	<b>Room</b>	<b>Speaker</b>	<b>Title</b>
8:00		BREAKFAST		
9:00	9:30		Politi	Emergence of collective behaviour out of microscopic dynamics
9:30	10:00		Schweitzer	Evolution of economic networks
10:00	10:30		Saviotti	Diversity, efficiency and connectivity in economic development
10:30	11:00	BREAK		
				<i>SESSION: Critical events in evolving networks (III)</i>
11:00	11:30		Fronczak	Critical line in undirected Kauffman Boolean networks – the role of percolation
11:30	12:00		Lambiotte	Dynamics of non-conservative voters
12:00		LUNCH	and	POSTERS
14:00	14:30		Silverberg	Self-organization of R&D search in complex technology spaces
14:30	15:00		Schneider	Application of evolutionary strategies and genetic algorithms to optimization problems
15:00	15:30	BREAK		
15:30	16:00		Schimansky-Geier	The Kramers problem in evolutionary strategies
16:00	16:30		Demetrius	Boltzmann, Darwin and directionality theory
16:30	17:00			Poster Awarding Ceremony and Closing
<b>End of the seminar and departure.</b>				