

# Conference II

## Self-Organization in Nature and Society

Time: Friday, November 11 – Sunday, November, 13, 2011

Location: University of Vienna, Large Ceremonial Hall

Friday, November 11, 2011

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08:15–08:30	<b>Welcome Addresses from Thomas von Foerster, Humberto R. Maturana (Video Message), and the Austrian Ministry of Science and Research (Moderation: Karl H. Müller)</b>
08:30–09:30	<b>Opening Lecture for both Conferences (Chair: Gerhard Grössing)</b> Yves Couder (Paris): “A Case of Wave-Particle Duality at Macroscopic Scale, Quantum-like Behaviours Emerging out of Memory Driven Trajectories”
	<b>Keynote Lectures (Chair: Karl H. Müller)</b>
09:35–10:35	Albert-László Barabási (Boston): “Network Science: From the Web to the Cell”
10:35–11:35	John Holland (Santa Fe): “Steering Complex Adaptive Systems”
11:35–11:45	Coffee break
11:45–12:45	Didier Sornette (Zürich): “What Percentage of our Ancestors were Men? The Most Underappreciated Fact about Men!”
12:45–14:00	Lunch break
<b>Afternoon I</b>	<b>Chair: Albert Müller</b>
14:00–14:40	Dirk Baecker (Friedrichshafen): “Complexity and Recursivity in Brain, Mind, and Culture”
14:40–15:20	Ranulph Glanville (London): „Heinz von Foerster, Artist“
15:20–16:00	Hans-Rudi Fischer (Heidelberg): „Der anamorphotische Blick“
16:00–16:15	Coffee break
<b>Afternoon II</b>	<b>Chair: Alexander Riegler</b>
16:15–18:15	Panel with Claus Pias (Lüneburg), Dirk Baecker (Friedrichshafen), Wolfgang Coy (Berlin), Jan Müggenburg (Lüneburg): “Self-Reference and (Non-)Trivialization. The Social Impact of Cybernetic Concepts”
18:30–19:45	Presentation of new books by Gordon Pask, Rogers J. Hollingsworth, Bernard Scott, Karl H. Müller and a Special Issue of <i>Cybernetics and Human Knowing</i> on Heinz von Foerster (with Louis Kauffman, Ranulph Glanville and the authors)
20:00	Conference Dinner

Saturday, November 12, 2011

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- Chair: Ranulph Glanville**
- 09:00–09:45** Louis H. Kauffman (Chicago): “What is an Object that a Person might Know It and a Person that She might Know an Object?”
- 09:45–10:30** V.I. Yukalov (Dubna): “Self-organization in Nature and Society as Decision Making”
- 10:30–10:45 Coffee break
- Chair: Didier Sornette**
- 10:45–11:30** Günter Haag (Stuttgart): Synergetics Twenty Years After. A Critical Assessment
- 11:30–12:15** Pei Ling Lai (Taiwan), Alfred Inselberg (Tel Aviv): “Artificial Neural Networks: The Origin of the Species at BCL”
- 12:15–14:00 Lunch break
- Afternoon I**
- Chair: Paul Pangaro**
- 14:00–14:40** Paul Schröder (Philadelphia): “Community Self-Discovery: Identities and Complexity”
- 14:40–15:20** Bernard Scott (Swindon): “Heinz von Foerster: Contributions to Psychology”
- 15:20–16:00** Stuart A. Umpleby (Washington): “Second Order Science: An Example of Emergence in Social Systems”
- 16:00–16:15 Coffee break
- Afternoon II**
- Chair: Josef Mitterer**
- 16:15–16:55** Heike Egner (Klagenfurt): “Shared Views Across the Big Divide? Self-organization, Emergence and Time in the Theories by Niklas Luhmann and Ilya Prigogine”
- 16:55–17:35** John Lochhead (Amhearst): “The No-Crisis Crisis in Radical Constructivism”
- 17:35–18:15** Theo Hug (Innsbruck): “Constructing an Archive”
- 18:35–19:45** A Film by Peter Krieg on Ernst von Glasersfeld (with an Introduction by Josef Mitterer, Thomas Himmelfreundpointner and John Lochhead)
- 20:00** City Hall Reception

Sunday, November 13, 2011

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- Chair: Stuart A. Umpleby**  
**09:00–09:45** Alfred Inselberg (Tel Aviv): “Parallel Coordinates ... are Better than they Look“  
**09:45–10:30** Paul Pangaro (Palo Alto): Invitation to Recursioning. Heinz von Foerster and Cybernetic Praxis”  
10:30–10:45 Coffee break
- Chair: Bernard Scott**  
**10:45–11:30** Pille Bunnell (Toronto): “Chiaroscuro: Living the Ephemerality of Distinctions and Domains”  
**11:30–12:15** Karl H. Müller (Wien): “A Short Outline of the New Science of Cybernetics”  
12:15–14:00 Lunch break
- Afternoon I**  
**14:00–14:40** **Chair: Graham Barnes**  
John Mingers (Kent): “Explanatory Mechanisms: The Contribution of Critical Realism and Systems Thinking/Cybernetics”  
**14:40–15:20** Bruce Clarke (Stanford): “The Self-Organizing Classroom: Documenting Foerster’s BCL Pedagogy, 1968-1974”  
**15:20–16:00** Tatiana Medvedeva (Novosibirsk): “Four Views of Social Systems and Four Methods for Describing Them”  
16:00–16:15 Coffee break
- Afternoon II**  
**16:15–16:55** **Chair: Hans Rudi Fischer**  
Graham Barnes (Stockholm) I Can Let My Soul Soar  
**16:55–17:35** Lucas Pawlik (Wien): Heinzladen  
**17:35–18:15** Ernst Weichselbaum (Wien): Organisation diesseits von Macht und Kontrolle
- 18:15–19:00** Albert Müller, Paul Pangaro *et al.*  
The Viennese Archives of Heinz von Foerster and Gordon Pask:  
Current Status, Future Perspectives
- 20:00** Concert (echoraum, Sechshauserstraße 66, 1150 Wien)