

Transition and stasis in society and biology: models, theories and narratives

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Participants' short bios

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Claes is Assistant Professor in complex systems at the department of Energy and Environment at Chalmers University of Technology, Sweden. His research concerns models of societal evolution, both in the past and in modern society.

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Carlo is Professor and Chair of the European Climate Forum. He is an economist by training, working on global systems, in particular on the role of financial markets in addressing - or exacerbating - the problem of climate change. His current research is focused on problems of global coordination, especially in view of sustainable development.

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Steven Kuhn

Steven is Professor at the School of Anthropology at the University of Arizona. Combining archaeological field work and theory development, he has worked extensively on the topic of social and ecological contexts of change in hominid technology.

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David Lane

David is Professor at the University of Modena and Reggio Emilia and coordinator of the EU FP7 Coordination Action INSITE under which this workshop is arranged. His work focuses on the dynamics of innovation processes, including both theory building and historical case studies.

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Manfred is Professor and Director at the Center for Social Dynamics and Complexity, Arizona State University and External Professor at the Santa Fe Institute. His work spans across theoretical biology, evolutionary developmental biology, the history of theoretical and developmental biology and social dynamics.

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Sander is Dean and Professor at the School of Sustainability at Arizona State University and External Professor at the Santa Fe Institute. An anthropologist and historian by training, his expertise lies in the role of invention, sustainability, and innovation in societies around the world.

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Denise Pumain

Denise is Professor at Université Paris I, Panthéone-Sorbonne and Director of Cybergeo. Her main focus lies on developing evolutionary approaches to understanding urban systems where she has applied and developed a range of concepts and models from complexity science to the study of social systems.

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Margherita teaches Economics and Institutions of Industrial Districts and Territorial Analysis at the University of Modena and Reggio Emilia. The main topics of her research activities concern industrial districts, the analysis of the endogenous nature of the innovation process, and the effects of technical change on the organization of work and the workforce.

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Björn Sandén

Björn is Professor at the Division for Environmental Systems Analysis at Chalmers University of Technology. He works on innovation and transitions in technological and sociotechnical systems, using historical case studies as well as theoretically, including interdisciplinary influences from ecology.

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Roberto Serra

Since 2004 Roberto is Professor of computer science and engineering at the University of Modena and Reggio Emilia. He has run research projects, both in industry and academia, dealing with nonlinear dynamics, complex systems, artificial intelligence, neural networks, biological modeling.

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Mary is Professor at the Department of Anthropology and Curator of Zooarchaeology at the Arizona State Museum of the University of Arizona. She combines archaeological fieldwork with theoretical development on several topics in human evolution, including the interaction between hominids and their ecological niches and the division of labor in palaeolithic groups.

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Bert is Senior Scientist, Netherlands Environmental Assessment Agency and Professor of Global Change and Energy at the Copernicus Institute for Sustainable Development and Innovation. He works broadly on sustainability development, recently having published a textbook "*Sustainable Development: An integral Perspective*" that integrates the wide transdisciplinary scope of this area.

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