

## Programme and Schedule

**Tuesday: April 22, 2014**

Registration Desk Open 8:00 – 16:00 and 17:30 – 18:00 Lobby, Department for Communication Studies, University of Vienna, Währingerstrasse 29

8:00 Early Registration

Lobby

9:00 – 10:30 Plenary Session

Lecture Hall

9:00	<p><b>Opening and Welcome by Chair and Co-Chairs</b>  <b>Wolfgang Hofkirchner</b>, <i>on behalf of the Bertalanffy Center for the Study of Systems Science – EMCSR Chair</i></p> <p><b>Iryna Dobronravova</b>, <i>on behalf of the Ukrainian Synergetic Society</i>  <b>Andrée Piecq</b>, <i>on behalf of the Union Européenne de Systémique</i>  <b>Markus Schwaninger</b>, <i>on behalf of the World Organisation of Systems and Cybernetics</i>  <b>Robert Trappl</b>, <i>on behalf of the International Academy for Systems and Cybernetic Sciences</i>  <b>Jennifer Wilby</b>, <i>on behalf of the International Society for the Systems Sciences</i>  <b>Rainer E. Zimmermann</b>, <i>on behalf of the Institut für Design Science München</i></p>
	<p><b>Greetings</b>  <b>Gerhard Banse</b>, <i>on behalf of the Leibniz-Sozietät der Wissenschaften zu Berlin e.V., Germany</i></p>
9:45	<p><b>Opening and Welcome</b>  <b>David Rousseau</b>, <i>Centre for Systems Philosophy, Surrey, United Kingdom – Systema Editor-in-Chief</i>  <b>Stefan Blachfellner</b>, <i>Bertalanffy Center for the Study of Systems Science, Austria – EMCSR Conference Management, International Federation for Systems Research, Austria – Vice President</i></p>
10:00	<p><b>Opening Address: The Baconian Project of Science and the Crisis of "Salomon's House"</b>  <b>Hans Schelkshorn</b>, <i>Department of Christian Philosophy, University of Vienna, Austria</i></p>

10:30 – 11:00 Late Registration & Coffee break

Lobby



11:00 – 12:30 Plenary Session

Lecture Hall

11:00	<b>Keynote: The need for both specialists and generalists</b> <b>Mario Bunge</b> , <i>Department of Philosophy, McGill University, Montreal, Canada</i>
12:00	<b>Award Ceremony: The Ludwig von Bertalanffy Award in Complexity Thinking</b> <i>Laudatio by Rainer E. Zimmermann, Bertalanffy Center for the Study of Systems Science, Austria</i>

12:30 – 14:00 Lunch break

Restaurants, café, or shops around the conference venue – see map

14:00 – 15:30	<b>Theme Chairs Presentations – Introductions to the Conference Themes and Process</b>  <b>Theme I Chair – Systemic Un-Sustainability - Whatever does not work, doesn't for good reasons</b> <b>André Martinuzzi</b> , <i>Institute for Managing Sustainability, Vienna University of Economics and Business (WU), Vienna, Austria</i>  <b>Theme II Chair – Introduction to Emergence and Design</b> <b>Markus Peschl</b> , <i>University of Vienna, Austria</i> and <b>Stefan Blachfellner</b> , <i>Bertalanffy Center for the Study of Systems Science, Vienna, Austria</i>  <b>Theme III Chair – Introduction to Complexity and Strategy</b> <b>Gary Metcalf</b> , <i>International Federation for Systems Research, Saybrook University, San Francisco, USA</i>
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15:30 – 16:00 Coffee break

Lobby



## 16:00 – 17:30 Symposia &amp; Colloquium

Lecture Hall	Seminar Room 5	Seminar Room 3	Seminar Room 4
<b>Demonstration: Systemic Excellence Group</b>	<b>Symposium on Concepts Theme II.C.1 Bertalanffy and beyond: improving systemics for a better future (1)</b>	<b>Symposium on Bridges Theme III.B Professional systemics (1)</b>	<b>PhD Colloquium (1)</b>
<b>Louis Klein, Christian Weiland:</b> In search of a praxeology of applied research: the radical learning journey of SEGROUP	<b>David Rousseau:</b> Foundations and a framework for future waves of systemic inquiry  <b>Yagmur Denizhan:</b> Towards a mediation-based engineering	<b>Nikitas Assimakopoulos, Alexandros Miaris:</b> Viable process systemic multi-methodology: VIPROCE  <b>Patricia Bertin:</b> Dynamics of agricultural knowledge production: learning from a systems thinking perspective  <b>Janos Korn:</b> Fundamentals and implications of systems science	<b>Katri-Liisa Pulkkinen:</b> A bottom-up way of building a system and changing perceptions: urban pioneers as a model for transformation for sustainability  <b>Michael Braitto, Marianne Penker, Andreas Muhar, Courtney Flint, Marianne Penker, Flint:</b> Governance of environmentally friendly energy behaviour and its (intended) effects  <b>Edmond Ramly:</b> A functional model of evaluation for a global learning health system

17:30 – 18:00 Coffee break

Lobby



## 18:00 – 19:30 Symposia &amp; Colloquium

Lecture Hall	Seminar Room 5	Seminar Room 3	Seminar Room 4
<b>Symposium on Applications</b> <b>Theme III.A.1</b> <b>Systemic consulting</b>	<b>Symposium on Concepts</b> <b>Theme II.C.1</b> <b>Bertalanffy and beyond:  improving systemics for a better  future (2)</b>	<b>Symposium on Bridges</b> <b>Theme III.B</b> <b>Professional systemics (2)</b>	<b>PhD Colloquium (2)</b>
<b>Marko Bohanec, Ricardo Rodriguez-Ulloa:</b> An intelligent decisions room for dealing with strategic management complexity: combining soft systems methodology (SSM) with expert systems (ES) in a Peruvian experience  <b>Allenna Leonard:</b> The proprioceptive organization	<b>Manfred Drack, David Pouvreau:</b> General system theory and cybernetics: differences and commonalities  <b>Jennifer Wilby:</b> Boulding's social science gravimeter: can hierarchical systems theory contribute to its development?  <b>Julie Rousseau:</b> GST as a route to new systemics	<b>Stergiani Giannakou, Nikitas Assimakopoulos, Dimitrios Varsos:</b> A systemic approach towards green pharmaceutical manufacturing in order to minimize the impact of pharmaceutical production on the environmental contamination.  <b>Lundy Lewis:</b> Professional systemics applied to the development of social skills in children with autism spectrum disorder: a case study  <b>Aristea Sinanioti:</b> Personal data protection in the electronic communications sector	<b>Andreas Hieronymi:</b> The structure of complex situations: multidimensional concepts and visual representations  <b>Duygu Uygun Tunc:</b> A new ground for analogy: an epistemo-ontological study of systemic principles  <b>Vahid Moosavi:</b> Beyond rational modeling

19:30 – 20:00 Coffee break

Lobby



## 20:00 – 21:30 Symposia &amp; Colloquium

Lecture Hall	Seminar Room 5	Seminar Room 3	Seminar Room 4
<b>Symposium on Applications</b> <b>Theme III.A.2</b> <b>Systemic project management (1)</b>	<b>Symposium on Concepts</b> <b>Theme II.C.1</b> <b>Bertalanffy and beyond: improving systemics for a better future (3)</b>	<b>Symposium on Bridges</b> <b>Theme III.B</b> <b>Professional systemics (3)</b>	<b>PhD Colloquium (3)</b>
<b>Louis Klein:</b> Open Floor with no Scheduled Presentations	<b>KingKong Lin:</b> Consiliencing the holos $\infty$ model for holos civilizations on a thrivable planet  <b>Oleksandr Makarenko:</b> Towards system analysis and modeling of global sustainable development	<b>Nikitas Assimakopoulos, Dimitrios Varsos:</b> Developing the dynamic layer within the design and control systemic methodology: DCSYM-2  <b>Panayiotis Vlassis, Michaela Theiler:</b> Energiaproject case study: how far can innovation be pushed in the real market?	<b>General Roundtable Discussion with all Applicants (60 minutes)</b>  <b>Conference Summary</b>  <b>Final Session with Judges</b>



Wednesday: April 23, 2014

Registration Desk Open 8:00 – 12:00 and 15:30 – 16:00 and 17:30 – 18:00

8:00 Registration

Lobby

09:00 – 10:30 Symposia & Colloquium

Seminar Room 5	Seminar Room 3	Seminar Room 4	Seminar Room 2
<b>Theme Speeches (I – III)</b>	<b>Symposium on Applications Theme I.A.1 Disasters: prevention, preparation and response (1)</b>	<b>Symposium on Concepts Theme III.C.1 Unity through diversity: learning in a complex world (1)</b>	<b>Symposium on Applications Theme III.A.2 Systemic project management (2)</b>
<p><b>Theme I: Marianne Penker</b> Systems knowledge and beyond – contributions of research to sustainable development</p> <p><b>Theme II: Pierre Bricage</b> Associations for the reciprocal and mutual sharing of advantages and disadvantages (ARMSADA)</p> <p><b>Theme III a: Yagmur Denizhan</b> Performance-based control of learning agents: Self-fulfilling reductionism</p> <p><b>Theme III b: Elohim Jiménez-López</b> Thinking against dehumanising civilisation and for the creation of a new systemics</p>	<p><b>Gerhard Chroust, Georg Aumayr:</b> Process models for disaster management: standardization and assessment</p> <p><b>Gilles Legrand:</b> Overmind territorial resistance</p> <p><b>Christoph Sebald, Georg Neubauer, Sonja Kabicher-Fuchs, Christian Flachberger, Hilda Tellioglu:</b> The RE-ACTA crowdtasking platform: for crisis and disaster management in Austria</p>	<p><b>Valentin Fiala, Rebecca Paxton, Jonas Oswald:</b> The missing link: can Zombies as a metaphor bridge the gap between Agent Based Modelling and qualitative social science?</p> <p><b>Cecile Malaspina:</b> Anxious knowing: the severing of information from noise</p> <p><b>MingFen Li:</b> Wicked social systems reorganized by benevolent social behaviors</p>	<p><b>Louis Klein:</b> Social complexity in PM revisited</p> <p><b>Jifa Gu:</b> Some complexity problems in Shanghai World Expo in 2010</p> <p><b>Claudia Weninger:</b> Systemic methods for sustainable project management: a case study</p>



10:30 – 11:00 Coffee break

Lobby

11:00 – 12:30 Symposia &amp; Colloquium

Seminar Room 5	Seminar Room 3	Seminar Room 4	Seminar Room 2
<b>Demonstration</b> <b>World Evolutionary Learning Tribe</b>	<b>Symposium on Applications</b> <b>Theme I.A.1</b> <b>Disasters: prevention, preparation and response (2)</b>	<b>Symposium on Concepts</b> <b>Theme III.C.1</b> <b>Unity through diversity: learning in a complex world (2)</b>	<b>Symposium on Applications</b> <b>Theme III.A.2</b> <b>Systemic project management (3)</b>
<b>Alexander Laszlo, Valeria Delgado:</b> The WELtribe project prospects, plans and promise	<b>Viveca Asproth:</b> Improving preparation for disaster management by reflecting on communication patterns  <b>Manfred Fullsack:</b> Resilience and graceful degradation in cooperation networks: experiments with simulated public goods games	<b>Marcelo Leon:</b> The interdisciplinary approach in the social and economic configuration of the Ecuadorian model  <b>Asimina Koukou:</b> The emergence of an EPS in times of crisis  <b>Henry Ortiz Osorio:</b> CYBERSYN project: an object of learning for the future	<b>Ursula Kopp, André Martinuzzi:</b> Systemic project evaluation  <b>Christian Majer:</b> The performance oriented organization: theory in action

12:30 – 14:00 Lunch break

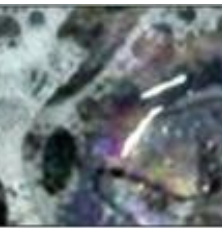
Restaurants, café, or shops around the conference venue – see map



## 14:00 – 15:30 Symposia &amp; Colloquium

Seminar Room 5	Seminar Room 3	Seminar Room 4	Seminar Room 2
<p><b>Symposium on Applications</b> Theme I.A.2 <b>Economics system change: contributions to an inclusive and sustainable society (1)</b></p>	<p><b>Symposium on Applications</b> Theme II.A.1 <b>Architectural ecologies (1)</b></p>	<p><b>Symposium on Concepts</b> Theme III.C.2 <b>Transdisciplinary responses to global challenges (1)</b></p>	<p><b>Symposium on Applications</b> Theme II.A.2 <b>Sustainability, ethics and the cyberspace (1)</b></p>
<p><b>Eugenio Correa:</b> The economy science as a technic into the Heideggerian conception</p> <p><b>Helmut Loeckenhoff:</b> World whereto? A transdisciplinary view to guide change</p> <p><b>Dana Klisanin</b> Changing Global Mindsets: Convergence &amp; Activism</p> <p><b>Manfred Blachfellner:</b> Evolutionary change of economic system: an example of reality</p> <p><b>Ricardo Rodriguez-Ulloa, Jose Fiestas-Patiño, Laren Osorio-Toribio, Andrea Tirado-Dueñas:</b> An education for a sustainable and inclusive world: a soft system dynamics intervention in Peru</p>	<p><b>Liss Werner, Lila PanahiKazemi, Andrea Rossi:</b> Architectural ecologies: code culture and technology at the convergence</p> <p><b>Ledian Bregasi:</b> Self regulation as a tool for the management of the complexity in architecture</p> <p><b>Alexandros Kitriniaris:</b> Neuronal ecosystems, towards an ecology of aesthetics</p> <p><b>Anna Barbara:</b> Shapes of time</p> <p><b>Emmanouil Zaroukas, Tim Ireland:</b> Actuating (auto)poiesis</p>	<p><b>Søren Brier:</b> Biosemiotic transdisciplinary concept of information for global exchange</p> <p><b>David Weinbaum, Viktoras Veitas:</b> A world of views: fragility and antifragility in sociotechnological evolution</p> <p><b>Viacheslav Maracha:</b> System-thinking-activity approach: thinking response to global challenges</p> <p><b>Dmitry Reut:</b> Application of ideas of purposeful system to a class of large-scale systems in the age of globalization</p>	<p><b>Gerhard Banse:</b> Sustainable development: technology: culture: remarks to their relationships</p> <p><b>Tomas Karger:</b> Open-source communities in cyberspace: transparency, knowledge production and sustainability</p> <p><b>Georgy Ishmaev:</b> On the ethical justification of privacy</p>



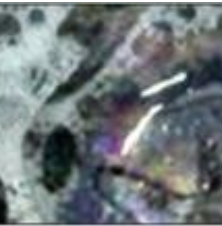


15:30 – 16:00 Coffee break

Lobby

16:00 – 17:30 Symposia &amp; Colloquium

Seminar Room 5	Seminar Room 3	Seminar Room 4	Seminar Room 2
<p><b>Symposium on Applications</b>  <b>Theme I.A.2</b>  <b>Economics system change: contributions to an inclusive and sustainable society (2)</b></p>	<p><b>Symposium on Applications</b>  <b>Theme II.A.1</b>  <b>Architectural ecologies (2)</b></p>	<p><b>Symposium on Concepts</b>  <b>Theme III.C.2</b>  <b>Transdisciplinary responses to global challenges (2)</b></p>	<p><b>Symposium on Applications</b>  <b>Theme II.A.2</b>  <b>Sustainability, ethics and the cyberspace (2)</b></p>
<p><b>André Martinuzzi, Michal Sedlacko, Jill Jaeger:</b>            Knowledge brokerage for a sustainable Europe: a systems thinking approach for increasing the impacts of research and promoting evidence based policy making</p> <p><b>Elisabeth Schauppenlehner-Kloyber:</b>            Shaping the future together: transdisciplinary collaboration for sustainable urban planning</p> <p><b>Tuan Ha, Ockie Bosch, Nam Nguyen:</b>            Applying an Evolutionary Learning Laboratory approach for improving the quality of life for women smallholder farmers in the Red River Delta of Vietnam</p> <p><b>Erika Quendler:</b> Needs, quality of life and sustainable development: an inclusive development concept</p> <p><b>Silvia Zweifel, Mechthild Adameit:</b> A multidimensional “economia amable” co-creating desirable futures</p>	<p><b>Alessandro Melis, PengFei Li:</b>            City retrofitting through cultivable envelopes</p> <p><b>Kelvin Rojas:</b> On biogenous systems: symbiotic relationships, sustainability, and an inquiry on the foundations of a complex systems culture</p> <p><b>Ali Farzaneh:</b> Evolutionary computation of architectural objects</p> <p><b>Paolo Alborghetti, Alessio Erioli:</b>            The Red Queen hypothesis: chemotaxic stigmergic systems and embodied embedded cognition-based strategies in architectural design</p>	<p><b>Anne Steenhout:</b>            Challenges in protecting human health and ecosystems</p> <p><b>Liguo Ye:</b> Ecological civilization as a possible route to post-industrial civilization: a dissipative structure far from equilibrium state</p> <p><b>Basarab Nicolescu:</b>            Methodology of transdisciplinarity: its importance for building sustainable futures</p>	<p><b>Judith Simon:</b>            Relating and disentangling surveillance and privacy</p> <p><b>Stefan Strauß:</b>            Digital identities as a metasystem transition: lost in conflation or towards sustainable privacy protection?</p> <p><b>Tomas Sigmund:</b>            Ethics at the crossroad?</p>



17:30 – 18:00 Coffee break

Lobby

18:00 – 19:30 Symposia &amp; Colloquium

Seminar Room 5	Seminar Room 3	Seminar Room 4	Seminar Room 2
<p><b>Symposium on Applications</b> Theme I.A.2 <b>Economics systems change: contributions to an inclusive and sustainable society (3)</b></p>	<p><b>Symposium on Bridges</b> Theme II.B <b>Emergent Design</b></p>	<p><b>Symposium on Concepts</b> Theme III.C.2 <b>Transdisciplinary responses to global challenges (3)</b></p>	<p><b>Symposium on Applications</b> Theme III.A.3 <b>Country development in a time of globalization (1)</b></p>
<p><b>“Desirable Futures Gathering”</b> “The world of Navis Utopia” as a meta-space. Facilitators: Silvia Zweifel &amp; Mechthild Adameit</p>	<p><b>Niccolae Amaducci:</b> Kuura: application of diffuse limited aggregation model in generative project strategies</p> <p><b>Stefan Blachfellner, Franz Tramberger:</b> Design works: business model innovation and emergence</p> <p><b>Thomas Fundneider:</b> Designing incubation spaces for thriving innovation communities</p> <p><b>Michael Heather, Nick Rossiter:</b> The system as emergent process in Topos theory</p>	<p><b>Claude Lambert, Andrée Piecq:</b> How to develop an “open” future: is it possible to take advantage of coherence and incoherence?</p> <p><b>Katherina Zakravsky:</b> How external memory banks (hence “culture”) make humans fragile or on knowledge as enemy of intelligence</p> <p><b>Liqian Zhou:</b> Signal, code-duality and information: information as the bridge between two cultures</p>	<p><b>Mijalce Santa:</b> Beyond systems modelling? A proposition for integral modelling</p> <p><b>Oleksandr Melnychenko:</b> Intellectual development as an interaction between systems of change: a methodological aspect</p> <p><b>Natalia Guseva:</b> Major pitfalls affecting corporate performance in Russia</p> <p><b>Tatiana Medvedeva:</b> Social and labor challenges and the search for an adequate response</p> <p><b>Nino Okribelashvili:</b> Society and mental health</p>

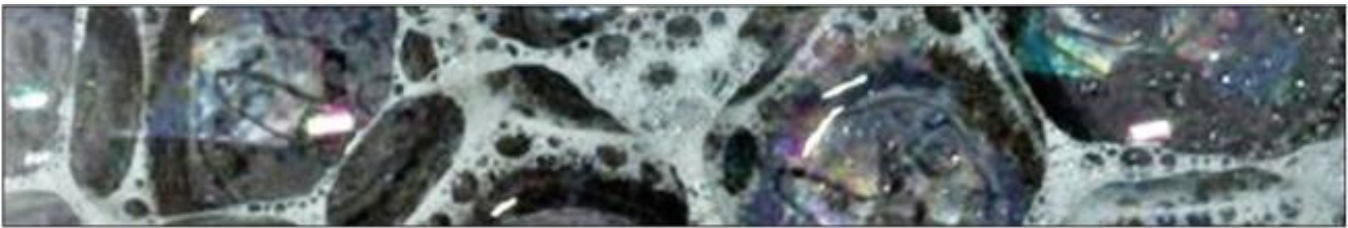


19:30 – 20:00 Coffee break

Lobby

20:00 – 21:30 Symposia &amp; Colloquium

Seminar Room 5	Seminar Room 3	Seminar Room 4	Seminar Room 2
<b>Symposium on Bridges</b> <b>Theme I.B</b> <b>Impacts for sustainability</b>	<b>Symposium on Concepts</b> <b>Theme II.C.3</b> <b>Emergence in social systems</b>	<b>Symposium on Concepts</b> <b>Theme II.C.2</b> <b>Ethics from systems (1)</b>	<b>Symposium on Applications</b> <b>Theme III.A.3</b> <b>Country development in a time of globalization (2)</b>
<b>Dino Karabeg, Alexander Laszlo:</b> Epistemology and research activism for impact: learning to be the systems we wish to see in the world	<b>Andreas Pickel:</b> Conceptualizing cultures in a systemic approach: the case of nationalizing mechanisms  <b>Ricardo Rodriguez-Ulloa:</b> Towards an agency/structure system dynamics practice in the context of the social sciences  <b>Jason Hu:</b> Multi-layer self-organization process (MLSOP) - a framework to understand emergence of social institutions  <b>László Ropolyi:</b> Crisis development, the postmodern condition, and more	<b>Rainer Zimmermann:</b> Ethics from systems  <b>Inga Gammel:</b> Repercussions of Greek philosophy in modern science  <b>Kyriaki Goudeli:</b> On Schelling's symbolic approach to aesthetics and ethics	<b>Dmitry Galkin:</b> Ontological theatre of art, science and technology: a cybernetic journey from digital culture to artificial life  <b>Stuart Umpleby:</b> How science will be affected by an expanded conception of the philosophy of science  <b>Jason Hu:</b> Cultural genes as key variable in the paths of country development: paths to establish rule-of-law of Britain, U.S., France, Russia, Germany, Japan, and China



**Thursday: April 24, 2014**

**Registration Desk Open 8:00 – 12:00 and 15:30 – 16:00 and 17:30 – 18:00**

8:00 Registration		Lobby
9:00 – 10:30 Plenary Session		Lecture Hall
9:00	<p><b>Introduction to the International Federation for Systems Research</b>  <b>Gary Metcalf, IFSR, President, USA</b></p> <p><b>Keynote 2014 IFSR W. Ross Ashby Memorial Lecture: Organizing for Sustainability</b>  <b>Markus Schwaninger, Institute of Management, University of St. Gallen, Switzerland</b></p>	
10:30 – 11:00 Coffee break		Lobby



## 11:00 – 12:30 Symposia &amp; Colloquium

Lecture Hall	Seminar Room 5	Seminar Room 3	Seminar Room 4
<b>Demonstration</b> <b>ELLabs – Evolutionary Learning Labs</b>	<b>Symposium on Applications Theme II.A.3</b> <b>Urban systems research (1)</b>	<b>Symposium on Applications Theme II.A.1</b> <b>Architectural ecologies (3)</b>	<b>Symposium on Applications Theme III.A.4</b> <b>Risks in supply chain networks (1)</b>
<b>Ockie Bosch, Nam Nguyen, Kailash Krishnamurthi:</b> The evolutionary learning laboratory (ELLAB) - a better way to analyse and overcome complex problems	<b>Urban landscapes, urban datascares, and urban models</b> Short intro, overview of the day by chairs Christian Walloth, Funda Atun, Ernst Gebetsroither-Geringer  <b>Jens Gurr:</b> Quantitative, visual and verbal models of urban complexity: achievements, limitations and complementarities  <b>Rashidah Ab. Rahman:</b> 4D urban informatique goes public	<b>Antonino Saggio:</b> Urban green line: a new infrastructure between past and future for the city of Rome  <b>Henriette Bier, Seyedsina Mostafavi:</b> Data-driven architectural production and operation  <b>Jeffrey Nesbit:</b> Urban ontological systems	<b>Christian Meurers, Johannes Göllner, Stefan Schauer, Stefan Schiebeck, Andreas Peer:</b> Meta risk model for critical infrastructures  <b>Thomas Benesch, Johannes Göllner, Johann Höchtl, Andreas Peer, Walter Seböck:</b> Transversal aspects for the scenarios to support the comprehensive approach in relation to alternative futures  <b>Stefan Rotter:</b> Modelling collaborative cyber-physical value networks as next generation supply chains  <b>Gerald Aschauer:</b> Interdependencies in transport & logistics: potentials through systemic approaches  <b>Romana Berariu:</b> Natural disasters and their cascading effects: analyzing the impact on disaster relief with the system dynamics method

12:30 – 14:00 Lunch break

Restaurants, café, or shops around the conference venue – see map



## 14:00 – 15:30 Symposia &amp; Colloquium

Lecture Hall	Seminar Room 5	Seminar Room 3	Seminar Room 4	Seminar Room 2
<b>Symposium: on Applications</b> <b>Theme II.A.4</b> <b>Game based learning in systems thinking (1)</b>	<b>Symposium on Applications</b> <b>Theme II.A.3</b> <b>Urban systems research (2)</b>	<b>Symposium on Applications</b> <b>Theme II.A.2</b> <b>Sustainability, ethics and the cyberspace (3)</b>	<b>Symposium on Applications</b> <b>Theme III.A.4</b> <b>Risks in supply chain networks (2)</b>	<b>Symposium on Applications</b> <b>Theme II.C.2</b> <b>Ethics from systems (2)</b>
<b>Introduction: Peter Purgathofer</b>  <b>Sonja Gabriel:</b> Teaching human rights with video games  <b>Lucas Schöffler, Oliver Roider, Peter Judmaier, Christian Swertz, Frank Michelberger, Gallhuber, Sandra Wegener:</b> "Bewusst mobil": serious gaming for sustainable awareness of active movability	<b>Big data, gathering data</b>  <b>Matthias Scheutz:</b> Can big data help the architect? Directions for agent-based modeling in urban design and planning  <b>Ivan Herrmann, Niamh O'Connell, Alfred Heller, Henrik Madsen:</b> Cities: centre for IT-intelligent energy systems in cities  <b>Ernst Gebetsroither-Geringer:</b> Interactive participatory urban modeling and simulation	<b>Linnet Taylor, Dennis Broeders:</b> Drones for development? The shift from observation to surveillance in the international development field  <b>Stuart Armstrong, Vincent C Müller:</b> Total surveillance: Everybody watching everybody else  <b>Vadim Chekletsov, Pavel Luksha, Vladimir Arshinov:</b> IoT & Neuronet: ethical issues of intersubjective and interobjective hyperconnectivity	<b>Eva Gatarik, Rainer Born:</b> Towards a cooperative and knowledge-based view of decision support systems to increase the quality and efficiency in coping with risk and crisis in supply chain networks  <b>Joachim Klerx, Johannes Göllner, Klaus Mak:</b> Horizon scanning for emerging risks in supply chain systems  <b>Markus Gerschberger, Ila Manuj:</b> Measurement models of supplier complexity  <b>Thomas Wallner:</b> Employee contribution to the smooth operation of interlinked production processes	<b>Evi Weigl:</b> Body meets lebenswelt: living aspects of ethics according to Merleau-Ponty  <b>Doris Zeilinger:</b> Quality as seen under an ethical perspective  <b>Cecile Malaspina:</b> The difficult emergence of rationality from noise

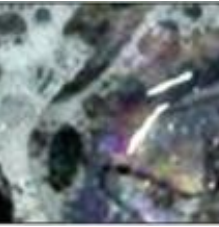
## 16:00 – 17:30 Symposia &amp; Colloquium

Lecture Hall	Seminar Room 5	Seminar Room 3	Seminar Room 4	Seminar Room 2
<b>Symposium: on Applications</b> <b>Theme II.A.4</b> <b>Game based learning in systems thinking (2)</b>	<b>Symposium on Applications</b> <b>Theme II.A.3</b> <b>Urban systems research (3)</b>	<b>Symposium on Applications</b> <b>Theme II.A.2</b> <b>Sustainability, ethics and the cyberspace (4)</b>	<b>Symposium on Applications</b> <b>Theme III.A.4</b> <b>Risks in supply chain networks (3)</b>	<b>Symposium on Applications</b> <b>Theme II.C.2</b> <b>Ethics from systems (3)</b>
<b>Shingo Takahashi:</b> Model building game for facilitating group understanding of problem situation  <b>Nikolaus Koenig:</b> System experience, systems thinking and computer games	<b>Modeling approaches to understanding urban systems</b>  <b>Najd Ouhajjou, Wolfgang Loibl, Ernst Gebetsroither-Geringer, Stefan Fenz, A Min Tjoa:</b> Semantic modeling of urban energy systems: an incremental approach  <b>Pavel Holubec:</b> Conceptualising the urban system as a system of flows	<b>Pavel Luksha:</b> Roundtable on IoT and Neuronet  <b>Robert Trappl:</b> Ethics for robots or Asimov revisited	<b>Stefan Rass, Stefan Schauer, Johannes Göllner, Andreas Peer:</b> Security strategies towards mutually dependent goals  <b>Horst Treiblmaier, Wojciech Piotrowicz:</b> Information technology and supply chain resilience: a double-edged sword  <b>Christian Meurers, Lucie Langer, Johannes Göllner, Andreas Peer, Markus Kammerstetter:</b> Importance of risk management for the security of smart grids  <b>Stefan Fenz, Manfred Halper, Johannes Göllner, Gerald Quirchmayr:</b> Evaluation criteria for cloud computing based on the upcoming European data protection regulation	<b>Robert Jahn:</b> A dialog about methodological collectivism versus individualism  <b>José Díaz Nafría:</b> Ethics at the age of information  <b>Edmundo Pires:</b> Second order ethics

## 18:00 – 19:30 Symposia &amp; Colloquium

Lecture Hall	Seminar Room 5	Seminar Room 3	Seminar Room 4	Second Floor
<p><b>Demonstration</b>  <b>IIASA – Systems analysis for informing policy</b></p>	<p><b>Symposium on Applications</b>  <b>Theme II.A.3</b>  <b>Urban systems research (4)</b></p>	<p><b>Symposium on Concepts</b>  <b>Theme III.C.3</b>  <b>Crossroads of civilization (1)</b></p>	<p><b>Symposium on Applications</b>  <b>Theme III.A.4</b>  <b>Risks in supply chain networks (4)</b></p>	<p><b>Symposium Extension</b></p>
<p><b>Dorothy Dankel, Mikko Heino, Ulf Dieckmann:</b>  Integrated assessments can reconcile stakeholder conflicts in managing renewable natural resources</p> <p><b>Tatiana Ermolieva, Yuri Ermoliev, Petr Havlik, Aline Mosnier, David Leclere:</b>  Systemic risks and security management in land use systems: stochastic GLOBIOM model</p> <p><b>Stefan Hochrainer-Stigler:</b>  Catastrophe risk modeling to inform proactive public finance for disasters: focus on Madagascar</p>	<p><b>Open discussion, way forward:</b>  Vol. 2 of "Understanding Complex Urban Systems"</p>	<p><b>Lidiya Bogataya:</b>  Multidimensional thinking as way of exploring complexity: civilization challenge</p> <p><b>Irina Yershova-Babenko:</b>  Psychosynergetical strategies of human activity: conceptual model "the whole in the whole" in the post-non-classical period</p> <p><b>Olga Volik:</b>  Individual social responsibility as a factor of corporate and personal self-organization</p> <p><b>Yana Chaika:</b>  Communicative strategies of cognition for complexity</p>	<p><b>Andreas Peer, Christian Fikar, Patrick Hirsch, Johannes Göllner, Manfred Gronalt:</b>  Modelling simulation-based decision support in the last mile of crisis management</p> <p><b>Andreas Peer, Johannes Göllner, Herbert Bauer, Christian Haberfellner:</b>  Risk analysis for "Schutz 14"</p> <p><b>Stefan Schiebeck:</b> An advanced risk assessment method for dependency models in critical infrastructures</p> <p><b>Christian Meurers, Gerhard Backfried, Katja Prinz, Johannes Göllner, Gerald Quirchmayr:</b> Cross-media communication during crises and disasters</p>	<p><b>Game Jam – experiencing complex real-life systems through games</b></p>





19:30 – 20:00 Coffee break

Lobby

20:00 – 21:30 Symposia &amp; Colloquium

Lecture Hall	Seminar Room 5	Seminar Room 3	Seminar Room 4	2nd Floor
<b>Demonstration</b>				<b>Symposium Extension</b>
<b>Movie: Population Boom</b>				<b>Game Jam – experiencing complex real-life systems through games</b>



**Friday: April 25, 2014**

**Registration Desk Open 8:30 – 11:00**

8:30 Registration

Lobby

9:00 – 10:30 Plenary Session

Lecture Hall

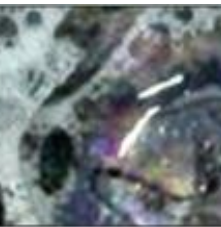
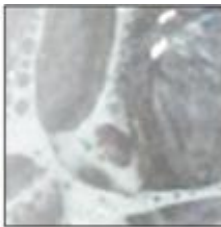
Lecture Hall	Seminar Room 5	Seminar Room 3	Seminar Room 4
<p><b>Symposium on Concepts</b>  <b>Theme III.C.3</b>  <b>Crossroads of civilization (2)</b></p>	<p><b>Symposium on Concepts</b>  <b>Theme I.C.1</b>  <b>Corporate social responsibility: foundations towards a new framework of CSR and economic value (1)</b></p>	<p><b>Symposium on Concepts</b>  <b>Theme I.C.2</b>  <b>(IASCYS) Social and environmental responsibility – balancing individual and collective actions (1)</b></p>	<p><b>Symposium on Applications</b>  <b>Theme III.A.5</b>  <b>Social and technical “volatility”: commonly shared reference problem of interdisciplinary research (1)</b></p>
<p><b>Olga Astafyeva:</b>  Strategic management and the culture’s self-organization potential in the conditions of civilization transformations</p> <p><b>Iryna Dobronravova:</b>  Ukraine on civilization crossroad: synergetic view</p> <p><b>Iurii Mielkov:</b>  The crisis of systemacy and human-dimensionality: evaluating options for the future</p>	<p><b>Stefan Hielscher, Carlo Muth, Matthias Will:</b>  Mental models of corporate sustainability in business practice: evidence from the German consumer goods industry</p> <p><b>Ursula Kopp:</b>  Systemic constellations: a new tool to educate managers in corporate social responsibility</p> <p><b>Helge Löbler:</b>  Service for sustainability: a holistic approach</p>	<p><b>Matjaz Mulej:</b>  Complexity of social responsibility</p> <p><b>Susu Nousala:</b>  What could future learning structures look like and why would we care? The praxis of complex adaptive systems and learning structures</p>	<p><b>Jens Schippl:</b>  Systems in context of the German energy transition: coping with challenges for interdisciplinary research</p> <p><b>Christian Büscher:</b>  The “energy system”: structure, institution and operation as analytical dimensions of sociotechnical systems</p> <p><b>Lea Fuenfschilling, Bernhard Truffer:</b>  The structuration of socio-technical regimes: insights from institutional theory</p> <p><b>Gerhard Fuchs:</b> System transformation in the energy sector</p>

10:30 – 11:00 Coffee break

Lobby

11:00 – 12:30 Symposia &amp; Colloquium

Lecture Hall	Seminar Room 5	Seminar Room 3	Seminar Room 4
<b>Demonstration</b>	<b>Symposium on Concepts Theme I.C.1</b> <b>Corporate social responsibility: foundations towards a new framework of CSR and economic value (2)</b>	<b>Symposium on Concepts Theme I.C.2</b> <b>Social and environmental responsibility – balancing individual and collective actions (IASCYS) (2)</b>	<b>Symposium on Applications Theme III.A.5</b> <b>Social and technical “volatility”: commonly shared reference problem of interdisciplinary research (2)</b>
<b>Ofer Zalzburg &amp; Sami Aburoza:</b> Shifting the paradigm of the Israel/Palestine conflict	<b>Norma Schoenherr, André Martinuzzi:</b> Corporate impact assessment: a meta-analysis of existing tools from a systems thinking perspective  <b>Giovanni Paolo Sellitto:</b> “Value for money”: tracking the concept change through EU public procurement directives  <b>Mario Tani:</b> The relationship between CSR and strategy: a multiple case study in the coffee industry	<b>Francisco Parra-Luna:</b> Why unemployment is so high in Spain: a look from an axiological systemic perspective  <b>Xijin Tang:</b> Approach to societal risk measurement by on-line community concerns	<b>Rob Raven, Florian Kern, Bram Verhees, Adrian Smith:</b> Socio-political work of sustainable technology advocates: a meta-analysis of six cases  <b>Roman Seidl, Manfred Paier:</b> The diffusion of distributed electricity generation: an agent-based model of interdependent investment decisions  <b>Patrick Sumpf:</b> Patterns of trust and acceptance: the challenge of enabling action in emerging energy systems



12:30 – 14:00 Lunch break		Restaurants, café, or shops around the conference venue – see map	
14:00 – 14:45 Symposia & Colloquium			
Lecture Hall	Seminar Room 5	Seminar Room 3	Seminar Room 4
	<b>Wrap up Theme I</b>	<b>Wrap up Theme II</b>	<b>Wrap up Theme III</b>
14:45 – 15:30 CLOSING and GROUP PHOTO			Lecture Hall
14:45	<b><i>Final Reports and Closing</i></b>		
19:00 – 23:30 SOCIAL DINNER & The Ludwig von Bertalanffy Young Scientist Award Ceremony		LOCATION AND INVITATION IN YOUR FOLDER	

**EXTERNAL EVENTS:**

**WEDNESDAY 23<sup>rd</sup> April, 14:00** (by invitation only): **Quantum Optics and Quantum Information**, Austrian Academy of Sciences, Boltzmannngasse 3, 1090 Vienna

**THURSDAY 24<sup>th</sup> April, 18: 30** (by invitation only): **Austrian Research Institute for Artificial Intelligence**, in the First District of Vienna, Freyung 6, Stiege (Staircase) 6, 3rd Floor. At this URL <http://www.ofai.at/location/index.html> you will find a map, fotos, and a detailed description how to reach it (in English)

**FRIDAY 25<sup>th</sup> April, 16:00** (by invitation only): **IASCYS Meeting (General Assembly), Austrian Research Institute for Artificial Intelligence**

