

# Conference Program and Schedule ISSS 2013

## Sunday: July 14, 2013 – Pre-Conference Workshops

**REGISTRATION DESK OPEN 12:00 – 17:00 (Lobby, Haiphong Conference Centre)**

### 10:00 – 15:30 Pre-conference Workshops

1.	<p><b>Workshop 2003</b> System Theory And Our Minds: A Systemic Way Of Understanding Ourselves, Each Other, The Nature, The Past and Future Possibilities <i>Wong, Thomas Sui Leung; Huang, EC Yan</i> <i>Workshop will break for lunch and people are welcome to join at any time.</i></p>	Haiphong Conference Centre Room 103
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### 15:30 – 17:30 Introduction to ISSS 2013

1.	<p>Informal plenary session: (WHAT THE CONFERENCE IS ALL ABOUT) Introduction of the concepts: eco civilization, thrivable plane, leverage points: what does it mean (20 min of introduction and 40 min of discussion): Alexander Laszlo Report on how this conference came about, what have we learnt, what do we want to achieve at the conference (30 min): Ockie Bosch Explanation about the program structure and how it came about (10 min): Violeta Bulc Introduction of the day topics and the core intentions per day by the day's moderators (5min/day) Introduction of the parallel happenings at the conference: collective intelligence, APPRECIATIVE INQUIRY and 4 ways of knowing (15min), participation models (10min) Relational intelligence and its relation to systemic consciousness; ways in which the Systems Movement can evolve beyond mapping, modeling and simulating systems.</p>	Haiphong Conference Centre Room 101
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### 18:00 – 20:00 Reception

Evening Reception at Haiphong Convention Centre – Hosted by Local Organizing Committee

**Monday: July 15, 2013**

**Theme: Imagine a Thrivable Planet and an Eco Civilization**

**REGISTRATION DESK OPEN 08:00 – 17:00 (Haiphong Conference Centre, Lobby)**

**07:45 to 08:45 ISSS Roundtable Discussion (Haiphong Conference Centre, Room TBC)**

**09:00 Plenary Session (Haiphong Conference Centre, Room 101)**

<b>09:00</b>	<b>Welcoming speech – Mr. Duong Anh Dien, Chairman of the Peoples' Committee (Lord Mayor) of Haiphong City</b>
<b>09:15</b>	<b>Connecting the DOTS—The Design of Thrivable Systems through the Power of Collective Intelligence</b> <i>Professor Alexander Laszlo, President of ISSS</i> <b>Where is this so-called “Fifth Discipline” if project failures, blown-out budgets, decision disasters and poor investments continue to plague our society? Professor Ockie J.H. Bosch, Nam C. Nguyen and Pamela Buckle Henning</b> <b>Using an Evolutionary Learning Laboratory Approach to Establish a World First Model for Integrated Governance of Haiphong, Vietnam</b> <i>Dr Thanh V. Nguyen, Ockie J. H. Bosch and Nam C. Nguyen</i>

**11:00 – 11:20 Tea/Coffee (Haiphong Conference Centre Lobby) – Poster Viewing**

<b>11:20</b>	<b>The keynote speaker theory, visions – CIEL (George Pór, Kathryn Ananda)</b> <b>Scaling the Fractal: From Local to Global Systemic Sustainability</b> <i>Alexander Laszlo, Ockie Bosch, Ervin Laszlo (video contribution)</i> <b>Planetary speakers by video conference</b> <ul style="list-style-type: none"><li>• <i>Professor Enrique Herrscher, Argentina</i></li><li>• <i>Jean Russell, Los Angeles, CA, USA</i></li></ul> <b>Youth visions about the eco civilization and a thrivable planet (coordinated by Anne Stephens)</b> <b>Introduction of the afternoon sessions (Nam Nguyen)</b>
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**13:00 Lunch (Haiphong Conference Centre, Room TBC)**

14:00 Parallel Sessions					
1	2	3	4	5	6
<p><b>Haiphong Conf. Centre Room 104</b>  <b>Socio-ecological Systems</b>  <b>Chair: Helen Ross</b></p> <p><b>2058</b>  Management of MAB Vietnam's Network of Biosphere Reserves through the approach of System Thinking, Land/seascape Planning, Inter-sectoral Coordination and Quality Economy (SLIQ): A case study of the Cat Ba Archipelago Biosphere Reserve  <i>Tran, Hoa; Nguyen, Tri; Le, Tuyen</i></p> <p><b>2059</b>  Biosphere Reserves as a Management Tool to Adapt to Climate Change-Case study in Cat Ba Biosphere Reserve, Viet Nam  <i>Nguyen, Cong; Tran, Hoa; Vu, Thao; Nguyen, Hue</i></p> <p><b>2071</b>  Integrated Ecological Risk Assessment (ERA) in the Cat Ba Biosphere Reserve: A pilot case study in Phu Long Commune, Haiphong City, Vietnam  <i>Than, Hien Thi; Gunnarsson, Jonas; Nguyen, Thu Thi; Nguyen, Lan Thi Tuyet; Hoang, Thap Van</i></p>	<p><b>Haiphong Conf. Centre Room 201</b>  <b>Chair: Allenna Leonard</b></p> <p><b>Cybernetics 1966</b>  A Life in Systems  <i>Phillips, Fred Young</i></p> <p><b>Viable System Model 2125</b>  Integrated Information of Negative-Negative Entropy  <i>Allenna Leonard</i></p> <p><b>Hierarchy Theory 1999</b>  Convergence as a Medium Scale Acephalous Group  <i>MacGill, Victor R. D.</i></p>	<p><b>Haiphong Conf. Centre Room 202</b>  <b>Evolutionary Development</b>  <b>Chair: Alexander Laszlo</b></p> <p><b>2045</b>  Nurturance Spaces: Twelve Places to Intercede in Apithology Systems  <i>Varey, Will</i></p> <p><b>1989</b>  Identifying System Archetypes and Leverage Points for the Protection of Aquifers in the Water/Energy Nexus  <i>Jarvie, Deb</i></p> <p><b>1970</b>  Meta Security in the Human Hive - Integrally Aligning Sustainability Responses to Trajectory of Evolutionary Threats  <i>Hamilton, Marilyn</i></p>	<p><b>Haiphong Conf. Centre Room 303</b>  <b>Translational Systems Science</b>  <b>Chair: Jim Kijima</b></p> <p><b>2098</b>  Manifest for Translational Systems Science  <i>Kijima, Kyoichi</i></p> <p><b>2010</b>  Constructing a Client Recruitment System for Rural Myanmar Unbanked People to Access PACT Microfinance Institution  <i>Aye, Hnin Pwint; Nakamori, Yoshiteru</i></p> <p><b>2013</b>  Study on A Model for Teacher Professional Development in Vietnam Based on Knowledge Management  <i>Ho, Thang Vinh; Nakamori, Yoshiteru; Ho, Bao Tu; Ho, Dam</i></p>	<p><b>Haiphong Conf. Centre Room 305</b>  <b>Human Systems Inquiry</b>  <b>Chair: Shankar Sankaran</b></p> <p><b>2029</b>  Using A Systems Based Evolutionary Learning Laboratory to Address the NEET - Not In Employment, Education or Training Issue in Japan  <i>Kiura, Toshiro; Bosch, Ockie; Nguyen, Nam; Yasui, Toshiyuki; Maeno, Takashi</i></p> <p><b>2079</b>  A Visual Framework for Integrating Systemic Methods for Dealing with Complex Issues  <i>Hieronymi, Andreas</i></p> <p><b>Health and Systems Thinking 2052</b>  Enacting Systemic Change of Health Promotion with Simplicity and Transformability of ĩ• [fi]  <i>Hu, Yu-Wen</i></p>	<p><b>Haiphong Conf. Centre Room 103</b></p> <p><b>Ecopolicy Games Session</b></p>
<b>15:30 Tea/Coffee (Haiphong Conference Centre Lobby) – Poster Viewing in Room 102</b>					

16:00 Parallel Sessions					
1	2	3	4	5	6
<p><b>Haiphong Conf. Centre Room 104</b> <b>Socio-Ecological Systems</b> <b>Chair: Helen Ross</b></p> <p><b>2024</b> Beyond the "black box": rethinking the use of models in the management of social ecological systems <i>Kumar, Saideepa; Curtis, Allan; Mendham, Emily; Merritt, Wendy</i></p> <p><b>2042</b> Understanding and managing Moreton Bay and its catchments as a social-ecological system <i>Ross, Helen</i></p> <p><b>2048</b> A Study on Water Resources in Vietnam: Current Status, Problems and Solutions for Sustainable Consumption <i>Vu, Minh Thi; Nguyen, Hoa Thi H.</i></p> <p><b>2116</b> Using a Systems Thinking Approach to Investigate the Impact of Climate Change on Livestock Production in Australia <i>Nguyen, Quan Van; Nguyen, Nam</i></p>	<p><b>Haiphong Conf. Centre Room 201</b> <b>Action Research</b> <b>Chair: Shankar Sankaran</b></p> <p><b>2028</b> Action Research in Organizations <i>Sankaran, Shankar</i></p> <p><b>1979</b> Teaching Communitarian Ethics from Systemic Perspectives <i>Yu, Jae Eon</i></p> <p><b>2044</b> Action Research in Conflict Situations <i>Finlayson, Dennis</i></p>	<p><b>Haiphong Conf. Centre Room 202</b> <b>Organisational Transformation and Social Change</b> <b>Chair: Tamar Harel</b></p> <p><b>2054</b> Global Supply Chains, Disasters and Externalities <i>Udbye, Andreas</i></p> <p><b>2015</b> Enabling Creative Evolution through Systemic Innovation <i>Karabeg, Dino</i></p> <p><b>2091</b> From Implicit to Explicit to Knowledge About Self in the System Across the Life Span <i>Zohar Harel, Tamar</i></p>	<p><b>Haiphong Conf. Centre Room 303</b> <b>Translational Systems Science</b> <b>Chair: Jim Kijima</b></p> <p><b>2122</b> Simulated Tabletop Exercise For Anti Bio-Terrorism Risk Management <i>Deguchi, Hiroshi</i></p> <p><b>One Hour Workshop</b></p>	<p><b>Haiphong Conf. Centre Room 305</b> <b>Critical Systems Theory and Practice</b> <b>Chair: Gerald Midgley</b></p> <p><b>2005</b> Intention on Intervention: A Conceptual Model <i>Velez-Castiblanco, Jorge Ivan</i></p> <p><b>2032</b> Philosophical Conditions for Sustainable Outcomes to Complex Systemic Interventions <i>Rousseau, David</i></p> <p><b>2000</b> Identifying the Archetypes of an Enhanced System Dynamic Causal Loop Diagram; Finding Strategies to Improve Smallholder Beef Farming in Java, Indonesia <i>Setianto, Novie Andri; Cameron, Donald; Gaughan, John B.</i></p>	<p><b>Haiphong Conf. Centre Room 103</b></p> <p><b>Ecopolity Games Session</b></p>
<b>17:30 to 18:30 Daily Reflection Session In Main Plenary Hall</b>					

**Tuesday: July 16, 2013**

**Theme: System Theory and Systemic Thinking in Use**

**REGISTRATION DESK OPEN 08:00 – 17:00 (Lobby, Haiphong Conference Centre)**

**07:45 to 08:45 ISSS Roundtable Discussion (Haiphong Conference Centre, Room 102)**

**09:00 Plenary Session (Haiphong Conference Centre, Room 101)**

09:00	<p><b>SYSTEM THEORY AND SYSTEMIC THINKING FOR NEW SYSTEMIC THEORY BASED STRUCTURES</b></p> <p><b>Plenary Speaker</b> Designing for Hope: <i>Chrisna DuPlessis, South Africa</i></p> <p><b>Planetary Speakers:</b></p> <ul style="list-style-type: none"><li>• <i>Dmitrios Varsos, Iraklion, Crete, Greece</i></li><li>• <i>Javier Valladares, Buenos Aires, Argentina</i></li></ul> <p>Round table discussions (3 guests – 3 circles) – Co-ordinated by Irma Wilson</p>
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**11:15 – 11:45 Tea/Coffee (Haiphong Conference Centre Lobby) – Poster Viewing in Room 102**

11:45	<p><b>SYSTEM THEORY AND SYSTEMIC THINKING USED FOR NEW WAYS OF LEARNING</b></p> <p><b>Plenary Speaker</b> Systems Thinking: A Modern Manifesto on Trying to Perceive Elephants <i>Dr Pamela Buckle, Robert B. Willumstad School of Business, Adelphi University, Garden City, NJ, USA</i></p> <p><b>Planetary Speakers</b></p> <ul style="list-style-type: none"><li>• <i>T. Ariyaratne, Colombo, Sri Lanka</i></li><li>• <i>Matjaž Mulej, Ljubljana, Slovenia</i></li></ul> <p>Round table discussions (3 guests – 3 circles) – Co-ordinated by Stefan Blachfellner</p>
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13:00 Lunch (Haiphong Conference Centre, Room TBC)				
14:00 Parallel Sessions				
1	2	3	4	5
<p><b>Haiphong Conf. Centre Room 104</b>  <b>Systemic Approaches to Conflict and Crises</b>  <b>Chair: Dennis Finlayson</b></p> <p><b>1991</b>  Reliable Communication - A Key to Disaster Response  <i>Chroust, Gerhard; Aumayr, Georg</i></p> <p><b>2039</b>  First Responders et al. in Regime Sponsored Conflict Situations  <i>Finlayson, Dennis</i></p> <p><b>2067</b>  The Relations between Two Koreas under Roh Moo-hyun Administration: Matter-Energy and Information Flow  <i>Shim, Yeon-Soo</i></p>	<p><b>Haiphong Conf. Centre Room 201</b>  <b>Systems Engineering</b>  <b>Chair: Timothy Ferris</b></p> <p><b>2121</b>  Effectiveness of Hands-On Practice in Bridging the Gap between Systems Science and Systems Engineering  <i>Ohkami, Yoshiaki; Shimazu, Keiko</i></p> <p><b>2104</b>  The Concept of Resilience in Community and Engineered Systems - A Cross Sectoral Feeding of Ideas  <i>Ferris, Timothy L. J.</i></p> <p><b>1994</b>  Systematic Planning for the Mexican Satellite System  <i>León Vega, Cirilo Gabino; Lozada, Erick Velázquez; Hernandez, Ciro David León</i></p>	<p><b>Haiphong Conf. Centre Room 202</b>  <b>Translational Systems Science</b>  <b>Chair: Jim Kijima</b></p> <p><b>2043</b>  Method for promoting ICT engineering safety learning from crisis management  <i>Nakamura, Takafumi; Kijima, Kyoichi</i></p> <p><b>2093</b>  Translational Complex Social Systems Modeling via Agent Based Approach  <i>Deguchi, Hiroshi</i></p> <p><b>2106</b>  Social Systems and Design Book  <i>Metcalf, Gary S.</i></p>	<p><b>Haiphong Conf. Centre Room 303</b>  <b>Systems Pathology</b>  <b>Socio-Ecological Systems</b>  <b>Chair: Jennifer Wilby</b></p> <p><b>2017</b>  Un-safety: Systems Pathology of the Fukushima Nuclear Catastrophe  <i>Atsuji, Shigeo; Ueda, Kazunori</i></p> <p><b>2126</b>  Maritime awareness development as a keyeducational issue: a learning spiral to foster biosocial sustainability  <i>Sarka,Eva Zweifel, Silvia, et al.</i></p> <p><b>2085</b>  Beyond Leverage Points for Emerging an Eco-civilization  <i>Hartley, Elaine</i></p>	<p><b>Haiphong Conference Centre Room 101 and 103</b>  <b>Mini-International Ecopolicyade</b></p> <p><b>Participants:</b>  2 high school teams from Adelaide, Australia; 5 high school teams and 3 University teams from Haiphong, Vietnam</p> <p><b>Procedure:</b>  1. Greetings (Leaders from Haiphong City, Sponsors, ISSS)</p> <p>2. Background/mission (Malik Management video – Professor Fredmund Malik)</p> <p>3. Rules of the competition – (Professsor Ockie Bosch and Dr Nam Nguyen)</p> <p>4. Round 1 – Cybernetia, industrialised country (20')</p> <p>5. Round 2 – Cybinia, threshold country (20')</p>
15:30 Tea/Coffee (Haiphong Conference Centre Lobby) – Poster Viewing in Room 102				

<b>16:00 Parallel Sessions</b>				
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<p><b>Haiphong Conf. Centre Room 104</b></p> <p><b>Workshop Systems Approaches to Conflict and Crises</b> Chair: <b>Gerhard Chroust</b></p> <p><b>1982</b> Information and Communication in Disaster Response <i>Chroust, Gerhard; Sankaran, Shankar</i></p>	<p><b>Haiphong Conf. Centre Room 202</b></p> <p><b>Workshop Systems and Health</b> Chair: <b>Thomas Wong</b></p> <p><b>2004</b> Health and System Thinking - A Systemic Way Of Maintaining Ourselves, Each Other, And The Nature <i>Wong, Thomas Sui Leung; Huang, EC Yan</i></p>	<p><b>Haiphong Conf. Centre Room 201</b></p> <p><b>Systems Engineering</b> Chair: <b>Timothy Ferris</b></p> <p><b>2115</b> Breeding Cars? Automatic Generation of Hybrid Electric Vehicle Topology Using Genetic Algorithm <i>Ing, Adam</i></p> <p><b>1995</b> The Importance of the Rural Telephone Line Satellite In Mexico <i>León Vega, Cirilo Gabino; Vázquez, Oscar Dolores; Solís, Ramón Marín</i></p> <p><b>2033</b> Systemic Intervention Requirements for Dynamic composition of System Components at Run-Time <i>Kumar, Anand</i></p>	<p><b>Haiphong Conf. Centre Room 303</b></p> <p><b>Action Research</b> Chair: <b>Shankar Sankaran</b></p> <p><b>2103</b> Systems Theory and Practice: The Role of Action Research in Organizational Change and Development <i>Hammond, Debora</i></p> <p><b>2105</b> An Action Research Study of Organizational Trust in China <i>Pierre, Jean-Claude; Metcalf, Gary</i></p>	<p><b>Haiphong Conference Centre Room 101 and 103</b></p> <p><b>Mini-International Ecopolicyade Session continued</b></p> <p>6. Round 3 – Cybonia, developing country (20')</p> <p>7. Feedback</p> <p>8. Award Ceremony (photos)</p>

<b>17:30 to 18:30 Daily Reflection Session In Main Plenary Hall</b>	
<b>Dinner available at nearby local restaurants</b>	
<b>19:30 Evening</b>	
<b>19:30 – 21:00</b>	<b>ISSS Council Meeting – Location Harbor View Hotel, Haiphong</b>

**Wednesday: July 17, 2013**

**Theme: Systems Theory in Practice – On Site at Cat Ba Island**

**REGISTRATION DESK AT CONFERENCE CENTRE – Conference being held at Cat Ba Island Conference Centre**

**07:15 to 08:15 ISSS Roundtable Discussion (MEET DURING BOAT TRIP TO CAT BA)**

**08:00 Plenary Session (Cat Ba Island Conference Centre, Main Plenary Hall)**

<b>07:00</b>	<p>All conference participants going to Cat Ba have to be at the port at 7:00am in order to arrive by speedboat (big) on Cat Ba Island around 1 and ½ hour later and at the new Conference Hall in the National Park an half hour later.</p> <p>The day will start at 9:00am with the following program:</p> <p><b>08:00 WELCOME (TBA)</b></p> <p><b>08:15 TALK 1:</b> <b>CAT BA BIOSPHERE RESERVE (HAIPHONG, VIETNAM)</b> <b>Mr Hien T. Pham, Dr Tung T. Bui &amp; Mr Tuyen T. Le</b> (In collaboration with the Systems Design &amp; Complexity Management Alliance, University of Adelaide Business School, Australia)</p> <p><b>08:45 TALK 2:</b> <b>Establishing an Evolutionary Learning Laboratory for the Sustainable Development of Cat Ba Biosphere Reserve</b> <b>Dr Tung T. Bui, Dr Thanh V. Nguyen, Prof Ockie J.H. Bosch and Dr Nam C. Nguyen</b></p> <p><b>09:05 TALK 3:</b> <b>Evolutionary Learning Laboratory providing Opportunities for Development of Sustainable Tourism in Cat Ba</b> <b>Professor Hiep D. Dan &amp; Dr Thanh v. Mai</b> (In collaboration with the Systems Design &amp; Complexity Management Alliance, University of Adelaide Business School, Australia)</p> <p><b>9:30 General Discussion and Questions</b></p> <p><b>09:45 TEA BREAK</b></p>
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	<p><b>10:00 TALK 4 Africa Case study</b></p> <p><b>10:30 TALK 5 Slovenia Case study</b> InCo movement – practical experiences of system approach with a local and global impact R: InCo movement team, Violeta Bulc</p> <p><b>11:00 Explanation of Afternoon Tour</b> <b>Dr Tung Bui and Mr Hien Pham</b></p> <p><b>11:15 AFTERNOON TOUR INCLUDING LUNCH</b></p> <p><b>Afternoon visit to three points of interests (Subject to possible change depending on time available)</b></p> <ul style="list-style-type: none"> <li>• Overall Cat Ba viewing point focusing on Nature Conservation;</li> <li>• Cat Ba Bay focusing on waste and tourist pollution problem;</li> <li>• Sustainable Ecotourism (Resort) and demonstration of a once poor family’s abilities to turn their life style that mis-used the forests (illegal hunting) to a sustainable small business and conservation of the forests.</li> </ul> <p><b>+/- 18:00 RETURN TO HAIPHONG PER SPEED BOAT</b></p> <p><b>+/-19:00 ARRIVE HAIPHONG</b></p>
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**Thursday: July 18, 2013**

**Theme: System Theory and Systemic Thinking in Solving Day-to-Day Issues**

**REGISTRATION DESK OPEN 08:00 – 17:00 (Lobby, Haiphong Conference Centre)**

**07:45 to 08:45 ISSS Roundtable Discussion (Haiphong Conference Centre, Room TBC)**

**09:00 Plenary Session (Haiphong Conference Centre, Room 101)**

<b>09:00</b>	<p><b>THE MORNING GROUP WORK (“SYSTEM THEORY AND SYSTEMIC THINKING IN SOLVING DAY-TO-DAY ISSUES” and “NEW WAYS OF BEING”)</b></p> <p><b>STEP 1:</b></p> <ul style="list-style-type: none"><li>- Grouping of the participants at the tables (not more than 7 people per group)</li><li>- Introduction of the topics to the audience and of the rules that need to be applied as part of the group work</li></ul> <p><b>STEP 2:</b></p> <ul style="list-style-type: none"><li>- Tables discuss the proposed topics and formulate the tables’ points of view/suggestions about how system thinking could address the proposed topics (1,5h)</li></ul> <p><b>STEP 3:</b></p> <ul style="list-style-type: none"><li>- Two tables with the same topic are joined together; they exchange their thoughts and results and come up with a joined presentation (45min)</li><li>- The newly joined groups report on the merged group results (10 min each)</li></ul>
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**11:00 Tea/Coffee (Haiphong Conference Centre Lobby) – Poster Viewing in Room 102**

<b>11:30 – 12:30</b>	<b>SESSION CONTINUES</b>
<b>12:30</b>	<b>Presentations by Systems Organizations and Discussion, Chair – Alexander Laszlo</b>

**13:00 Lunch (Haiphong Conference Centre, Room TBC)**

14:00 Parallel Sessions				
1	2	3	4	5
<p><b>Haiphong Conf. Centre Room 104</b> <b>OTSC</b> <b>Chair: Tamar Harel</b></p> <p><b>2075</b> An Analysis of Social Enterprises and Innovation practices based on Barratt's Value System: A Hong Kong Perspective <i>Hsin, Haydn</i></p> <p><b>2009</b> Complex Thought and Systems Thinking Connecting Group Process and Team Management: New Lenses for Social Transformation at Work Environment <i>Kaspary, Magda C.</i></p> <p><b>1997</b> R &amp; D Project Selection in Enterprises, Universities and Research Institutes <i>Avalos-Villareal, Elvira</i></p>	<p><b>Haiphong Conf. Centre Room 201</b> <b>Balancing Individualism and Collectivism</b> <b>Chair: Dennis Finlayson</b></p> <p><b>2034 and 2036</b> Being, Having, Doing and Interacting: Towards Ethical Democracy, Governance and Stewardship and User Guide: Engagement to Address Climate Change through Participatory Democracy and Governance <i>McIntyre-Mills, Janet Judy; Binchai, Natasun</i></p> <p><b>2023</b> Engaging to Harness Community Creativity for Sustainable Urban Planning <i>Dickens, Barbara</i></p> <p><b>2025</b> Life Chances of Children and Young People in Institutional Care in Sri Lanka: A Critical Review of Policy and Governance with References to Case Studies <i>Ariyadasa, Eshantha</i></p>	<p><b>Haiphong Conf. Centre Room 202</b> <b>Systems Applications in Business and Industry</b> <b>Chair: Louis Klein</b></p> <p><b>2026</b> Taming the Beast: How American Corporations Unwittingly Conspire to Make Bullying a Rational Choice <i>Daniel, Teresa A.; Metcalf, Gary</i></p> <p><b>2030</b> Pragmatism, Morphogenesis &amp; Sustainable Manufacturing <i>Tennant, Mike</i></p> <p><b>2001</b> Mechanisms for Understanding Mental Model Change in Group Model Building <i>Scott, Rodney James</i></p> <p><b>2014</b> Systems Approaches towards Understanding the Barriers to Innovation Adoption in the Australian Beef Industry <i>Sun, Daowei; Bosch, Ockie</i></p>	<p><b>Haiphong Conf. Centre Room 303</b> <b>Systems Modeling and Simulation</b> <b>Chair: Yoshishigo Sato</b></p> <p><b>2074</b> Dynamics and Viability of the Critically Endangered Cat Ba Langur: A New Perspective for Conservation Actions <i>Phan, Thuc Duy; Bosch, Ockie J.H.; Nguyen, Nam Cao; Le, Tuyen Thanh</i></p> <p><b>2046</b> Study of Intelligent Impedance Control Using a Fuzzy Neural Network <i>Sato, Yoshishigo</i></p> <p><b>Relational Science</b> <b>2064</b> The Concept Design of Cause Related Marketing Utilizing Wants Chain Analysis Proposing the Method and Validation through Value Co-Creation Workshops <i>Sugiyama, Nozomi; Fujita, Tomoyuki; Maeno, Takashi; Shirasaka, Seiko ; Yasui, Toshiyuki; Kanke, Motoshi</i></p>	<p><b>Haiphong Conf. Centre Room 103</b></p> <p><b>SYSTEMS THINKING MARKETPLACE</b></p>
<p><b>15:30 Tea/Coffee (Haiphong Conference Centre Lobby) – Poster Viewing in Room 102</b></p>				

16:00 Parallel Sessions				
1	2	3	4	5
<p><b>Haiphong Conf. Centre Room 104</b>  <b>Research Toward a General Theory of Systems</b>  <b>Chair: Jennifer Wilby</b></p> <p><b>2007</b>            General Systems Theory and Spirituality and Religion  <i>Rajendran, Somasundaram</i></p> <p><b>2069</b>            The General Model for Systems Science  <i>Lin, Kingkong</i></p>	<p><b>Haiphong Conf. Centre Room 201</b>  <b>Evolutionary Development</b>  <b>Chair: Alexander Laszlo</b></p> <p><b>2072</b>            Urban Pioneering Movement as an Example of Emergence and Change  <i>Pulkkinen, Katri-Liisa</i></p> <p><b>2076</b>            The Art of Changes for Collaboration and Co-evolution of Heterogeneous Eco-communities: From the Wilderness to the Source  <i>Li, Mingfen</i></p> <p><b>2096</b>            Is it Possible?  <i>Barrera, Ricardo</i></p>	<p><b>Haiphong Conf. Centre Room 202</b>  <b>Designing Educational Systems</b>  <b>Chair: Ockie Bosch</b></p> <p><b>Launching the Evolutionary Learning Laboratory for Systems Education – Prof Ockie Bosch</b>            (Special invitation to representatives from Universities that teaches Systems Thinking to become involved in the International Project on Systems Education and linking with the Global Evolutionary Learning Laboratory (GELL)).</p> <p><b>2097</b>            An Applied Educational Learning Concept for “Living System” Fieldwork  <i>Nousala, Susu; Garduno, Claudio</i></p> <p><b>1988</b>            Education for Emerging Societies  <i>Bulc, Violetta; Wilmshurst, Jacqui</i></p>	<p><b>Haiphong Conf. Centre Room 303</b>  <b>Systemic Approaches to Conflict and Crises</b> <b>Chair: Dennis Finlayson</b></p> <p><b>1974</b>            Systems Thinking Approach to Address the Complexity of Agribusiness for Sustainable Development in Africa: A Case Study in Ghana  <i>Banson, Kwamina Ewur; Nguyen, Nam C; Bosch, Ockie</i></p> <p><b>1987</b>            The ROMAC program: Managing and Recovering from Family: Crises in Developing Countries in the Asia-Pacific  <i>Sankaran, Shankar</i></p>	<p><b>Haiphong Conf. Centre Room 103</b></p> <p><b>SYSTEMS THINKING MARKETPLACE</b></p>
<b>17:30 to 18:30 Daily Reflection Session In Main Plenary Hall</b>				
<b>19:30 Conference Dinner</b>				
<b>ISSS CONFERENCE DINNER – Location TBC</b>				

**Friday: July 19, 2013**

**Theme: Conclusions and New Directions**

**REGISTRATION DESK OPEN 08:00 – 13:00 (Lobby, Haiphong Conference Centre)**

**07:45 to 08:45 ISSS Roundtable Discussion (Haiphong Conference Centre, Room TBC)**

**09:00 Plenary Session (Haiphong Conference Centre, Room 101)**

**09:00**

**Chair of Plenary: ALEXANDER LASZLO**

**PLENARY SESSION:**

**THE CORE TOPIC: conclusions; what have we learn (the main conference room)**

**Collective Intelligence fruits harvested from the conference with:**

- GELL (Ockie)
- CIEL (George Por)
- The design group learning and propositions for the future (Jacqui Wilmshurst)
- SIG Reports
- Student's conclusions
- Host appreciation
- President's Wrap-up (Alexander Laszlo)

**11:00 Tea/Coffee (Haiphong Conference Centre Lobby) – Poster Viewing in Room 102**

**11:30**

**Systemic Intervention for Community Involvement in Sustainable Water Management**

Incoming President's Address and Invitation for ISSS 2014, Professor Gerald Midgley, University of Hull, UK

**ISSS 2013 Annual General Membership Meeting**

**12:30 Close of Conference**

**Breakout rooms will still be available for any groups who want to continue conversations into the afternoon.**