

Conference Program and Schedule

ISSS 2010

Saturday: July 17, 2010
Pre-Conference Workshops

REGISTRATION DESK OPEN 09:00 – 10:00 and 12:00 – 13:30
(Lobby, Bricker Academic Bldg)

10:00 – 17:00 Pre-conference Workshops		
1.	<p>Modelling Bayesian Networks, Day 1</p> <p>Bayesian Belief Networks (DBLi (c) The University of Queensland): A web-based tool for modeling qualitatively, quantitatively or a mixture of qualitative and quantitative data and information, with application in various areas of interest (from environmental and resource management, to improving health, engineering and business systems, and developing leadership, improving organisational systems, and even using it as a tool for marriage counseling!) A course for students and systems practitioners in general. Day 1 Basic principles and introduction to DBLi website, practicing model construction and populating models with data/information/experiential knowledge.</p> <p><i>Ockie Bosch and Carl Smith</i></p>	<p>Bricker Academic Building Room 111</p>
13:00 – 16:00 Pre-conference Workshops		
1.	<p>System theory and our mind - the concentration and purification technique for our mind as taught by Buddha, a mental healthcare protection program for the harmonic governance for a resilient planet</p> <p><i>Thomas Wong</i></p>	<p>Bricker Academic Building Room 112</p>

Sunday: July 18, 2010, Pre-Conference Workshops

REGISTRATION DESK OPEN 12:00 – 17:00 (Lobby, Bricker Academic Bldg)

07:45 to 08:45 ISSS Roundtable Discussion (Lounge, Bricker Residence)

10:00 – 12:30 Pre-conference Workshops		
1.	Modelling Bayesian Networks, Continuing Day 2...Practising development of models in your own area of interest; interacting with each other via the website for model verification, refinement and updating. <i>Ockie Bosch and Carl Smith</i>	Bricker Academic Building Room 111
10:00 – 16:00 Pre-conference Workshops		
1.	Vester Sensitivity Modelling Malik Management Centre, Switzerland <i>Gabriele Harrer</i>	Bricker Academic Building Room 112
2.	Modeling Support for Disaster Prevention and Recovery - Systemic Challenges for First Responders <i>Gerhard Chroust</i>	Bricker Academic Building Room 113
13:00 – 16:00 Pre-conference Workshops		
1.	Global Governance and a World Without War <i>Ken Burkhardt</i>	Bricker Academic Building Room 110
2.	Traditional Chinese Medicine Healthcare Protection Program - a possible missing component in the systemic thinking of the health governance for a resilient planet <i>Thomas Wong</i>	Bricker Academic Building Room 111
3.	The Student SIG Introductory Meeting/Workshop <i>Nicholas Magliocca</i>	Bricker Academic Building Room 202

17:30 – 20:00 Reception and Roundtables

This year, the ISSS Reception will include a facilitated introduction to the society, and opportunities to meet and talk with the leaders of individual SIGs (special integration groups) of the society. Facilitated by Alexander and Kathia Castro Laszlo.

This session is designed to accomplish two primary objectives:

1. to share with Conference Participants information about each SIG from their respective Chairs in an open and interactive setting, and
2. to stimulate cross-pollination and the interpenetration of ideas among and between the SIGs

Accordingly the session will be run as follows:

- ⊙ Alexander and Kathia will set the stage with general introductory comments and a message of welcome.
- ⊙ SIG Chairs will assemble on stage and each will be provided with no more than 3 minutes to present the theme and focus of their respective SIG. This portion will be conducted in the spirit and tradition of soap-box oratory in a market place of ideas.
- ⊙ SIG Chairs will then be invited to comment on, make connections with, and otherwise explore the implicit and explicit systemic relations between and among their SIG and the others. This portion will be conducted in the spirit of a modified closed fishbowl conversation ([http://en.wikipedia.org/wiki/Fishbowl_\(conversation\)](http://en.wikipedia.org/wiki/Fishbowl_(conversation))).
- ⊙ The final portion of this session will involve audience participation with an open microphone available for conference participants to pose questions, make comments or suggestions, or otherwise interact with the SIG Chairs.
- ⊙ The session will conclude with closing remarks by the facilitators, and **socialising** for evening!

The Reception will also feature a session by The Abbey North Drummers – a participative percussion group

Monday: July 19, 2010

Theme: Governance

REGISTRATION DESK OPEN 08:00 – 17:00 (Bricker Academic Bldg, Lobby)

7:45 to 8:45 ISSS Roundtable Discussion (Bricker Residence Lounge)

09:00 Plenary Session (Bricker Academic Bldg, Room 101)

09:00	Conference Opening and Welcome
09:15	Chair of Plenary: Allenna Leonard Governance in the Relative When Dr Allenna Leonard, President ISSS, 2009-10 Accosting the Government Challenge Dr Javier Livas

10:45 Tea/Coffee (Bricker Ground Floor Lobby) – Poster Viewing

11:15	Governance and Finance for a Sustainable Planet Alan Willis and Mark van Clieaf
12:00	Question Time

12:30 Lunch (Wilfrid Laurier Dining Hall)

14:00 1- 4 Parallel Sessions			
1	2	3	4
<p>Bricker Academic Building Room 110</p> <p>Evolutionary Development Chair(s): Alexander and Kathia Castro Laszlo</p> <p>1487 From Systems Thinking to Systems Being: The Embodiment of Evolutionary Leadership <i>Laszlo, Kathia Castro</i></p> <p>1338 (1337) Mechanism and Medievalism in Contemporary Social Theory: Systems Suggestions for Transformation <i>Hanson, Barbara</i></p> <p>1473 (1474) Systems of Belief More Than Reality in Socio-Economic Evolution <i>Hilton, Brian John</i></p>	<p>Bricker Academic Building Room 111</p> <p>Critical Systems Theory and Practice Chair: Todd Bowers</p> <p>1313 (1502) Triple Task and the Philosophers Stone: Discovering a Methodology for Systemic and Reflective Participation <i>Bell, Simon George; Morse, Stephen</i></p> <p>1465 (1466) Ontological Support for Multiparadigm Multimethodologies: Isomorphic Process–Structures and the Critical Moment <i>Bowers, Todd D.</i></p> <p>1505 'Holistic Approach' and 'Reductionist Approach' <i>Ngano, Jean Paul</i></p>	<p>Bricker Academic Building Room 112</p> <p>Organizational Change Chair: Isaias Badillo Pina</p> <p>1365 Building Community Resilience in the Face of Peak Oil and Climate Change: Meditations on the Transition Town Movement and Paradigmatic Change <i>Buse, Chris; Hasdell, Rebecca</i></p> <p>1373 (1412) Implementing an Ethical Merchandising Code in a Community Market <i>Vodonick, E. John</i></p> <p>1455 (1459) Fallacy and Ostentation of Corporate Social Responsibility (in Some Companies) <i>Barrera, Ricardo; Frias, Ricardo Andres</i></p>	<p>Bricker Academic Building Room 113</p> <p>Systems Modeling and Simulation Chair: Janet Singer</p> <p>1385 (1386) Towards a Holistic Approach for Modeling Financial Volatility <i>Morales-Matamoros, Oswaldo; Contreras- Troya, Teresa I.; Mota-Hernández, Cinthya I.; Trueba-Rios, Beatriz</i></p> <p>1387 (1388) Structural Equation Model for the Multidimensional Measurement of the Poverty in Mexico <i>Flores-Jimenez, Pedro; Morales- Matamoros, Oswaldo; Tejeida-Padilla, Ricardo</i></p> <p>1322 (1405) Secure Communications: Chaotic Synchronization on Rössler Circuit. <i>Cisneros Tamayo, Ricardo; Hernández, Alejandro Vivas; Pacheco, David Plascencia; Bojorges, Nidia Escamilla</i></p>
15:30 Tea/Coffee (Bricker Ground Floor Lobby) – Poster Viewing			

16:00 1- 4 Parallel Sessions			
1	2	3	4
<p>Bricker Academic Building Room 110 Evolutionary Development Chair(s): Alexander and Kathia Castro Laszlo</p> <p>1479 Creating a Generative Dialogue Platform By Integrating the Essence of the Model United Nations and the World Café <i>Hsin, Haydn; Li, Ming-Fen; Lin, Kingkong</i></p> <p>1340 (1394) Innovation through Knowledge Science and Knowledge Management Supported By Soft Systems Methodologies <i>Avalos, Elvira; León Vega, Cirilo</i></p> <p>1345 (1397) Systemic Design for the Recycling of Solid and Liquid Organic Wastes and the Hydroponic Growth of Organic Food: A Natural Cycle of Death and Life <i>Peon-Escalante, Ignacio E; Turpin, Silvie Marion; Sanchez-Gongora, Maria Antonieta</i></p>	<p>Bricker Academic Building Room 111 Designing Educational Systems Chair(s): Ockie Bosch</p> <p>1354 (1392) Designing a Class to Teach Multi Viewpoints <i>Shirasaka, Seiko; Kohtake, Nachiko</i></p> <p>1421 (1488) Towards a Global-Systems Steering Vision That Is Simple Enough, But Not Too Simple: Symviability <i>Boyd, Gary; Zemen, Vladimir</i></p> <p>1482 Governance Best Practices Begins At Home <i>Zohar Harel, Tamar</i></p>	<p>Bricker Academic Building Room 112 Organizational Transformation and Social Change Chair: Isaias Badillo Pina</p> <p>1407 (1464) Resilience, a Necessary Property for the Housing Problem of Ushuaia: the Inherent Factor for the Governance <i>Frias, Ricardo Andres; Gessaga, Tariana Maia</i></p> <p>1362 (1507) Enacting Wholeness-Infinity Theory to Foster Wholeness Praxis of Social Enterprise for Global Sustainability <i>Lin, King Kong; Li, Ming-Fen</i></p> <p>1472 Intellectual Communism Encourages the Individuals' Creativity and Capitalism's Innovation: Systems Thinking From Hegel, Lessig and Luhman <i>Takahashi, Kazuyuki Ikko</i></p>	<p>Bricker Academic Building Room 113 Service Systems Science Chair(s): Janet Singer</p> <p>1443 (1378) Value Co-Creation Model of Service Innovation: Symbiotic Hypergame Analysis <i>Novani, Santi; Kijima, Kyoichi</i></p> <p>Pernegg Presentation and Discussion <i>David Ing, Gary Metcalf, Kyoichi Kijima, Jennifer Wilby, Todd Bowers</i></p>
Dinners available on campus or local restaurants			
19:30 Evening Plenary – Open Lecture, Bricker Academic Building, Room 101			
19:30 to 21:00	Rethinking Everything - Michael Ben Eii Followed by Abbey North Drummers – participative percussion group		

Tuesday: July 20, 2010

Theme: Resilience

REGISTRATION DESK OPEN 08:00 – 17:00 (Lobby, Bricker Academic Bldg)

07:45 to 08:45 ISSS Roundtable Discussion (Lounge, Bricker Residence)

09:00 Plenary Session (Bricker Academic Bldg, Room 101)

09:00	<p>Chair of Plenary: Debora Hammond</p> <p>Exploring the Adjacent Possible: Scenario Development for a Resilient Future Thomas Homer Dixon</p> <p>The Ludwig von Bertalanffy Lecture: Systems Thinking Research Rediscovered: Ludwig von Bertalanffy and the Society for General System's Research's Relevance in the 21st Century Stephen Haines</p>
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10:30 Tea/Coffee (Bricker Ground Floor Lobby) – Poster Viewing

11:00	<p>Advanced Syntegration for Meeting the Challenges of the Great Societal Transformation 21 As Illustrated by the Practical Example of an Austrian Province Fredmund Malik</p> <p>Measuring Citizen Satisfaction Roy Wiseman</p>
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12:30 Lunch (Wilfrid Laurier Dining Hall)

14:00 1- 4 Parallel Sessions			
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<p>Bricker Academic Building Room 110</p> <p>Evolutionary Development Chair(s): Alexander and Kathia Castro Laszlo</p> <p>1462 Fostering the Collective Wisdom of Communities with the Quintessence of Hero's Journey <i>Sung, Pei-Shan</i></p> <p>1343 (1424) Psychological Panarchy: Steps to an Ecology of Thought <i>Varey, Will</i></p> <p>1486 Texturizing Emergent Reality: the Theory and Practice of Evolutionary Ichemy <i>Laszlo, Alexander</i></p>	<p>Bricker Academic Building Room 111</p> <p>Organizational Transformation and Social Change Chair: Tamar Zohar Harel</p> <p>1470 Collaborative Discovery of the Structure of Concerns: Understanding and Navigating Complex Problem Systems <i>Weigand, Kirk; Jones, Peter; Flanagan, Thomas</i></p> <p>1410 (1461) Systems Thinking for Strategic Development <i>Gregory, Amanda J.</i></p> <p>1420 The Yin and Yang of Change – Systemic Efficacy in Change Management <i>Klein, Louis; Wang, Tao</i></p>	<p>Bricker Academic Building Room 112</p> <p>Designing Educational Systems Chair(s): Ockie Bosch</p> <p>1370 (1401) Educational Curriculum for Multi- Disciplinary System Design and Management <i>Kohtake, Naohiko; Maeno, Takashi; Nishimura, Hidekazu; Shirasaka, Seiko; Ohkami, Yoshiaki</i></p> <p>1335 Systems Thinking in Western and Eastern Philosophies <i>Nguyen, Nam Cao; Maani, Kambiz; Bosch, Ockie</i></p> <p>1480 (1485) General Systems Essentials: an Introductory Course for a Modern Generalist Curriculum <i>Vesterby, Vincent</i></p>	<p>Bricker Academic Building Room 113</p> <p>Living Systems Analysis Chair: James Simms</p> <p>1314 (1349) The Possibilities of Mapping Natural Systems into Organizational Systems - Part 1 <i>Salwa, Dominika Maria</i></p> <p>1353 (1402) The 2010 Earthquakes in Haiti and Chile: A Comparative Systemic Analysis <i>Aceves, Francisco J; Audefroy, Joel; Alvarado, Jesus</i></p> <p>1427 Principles for Making Soft Sciences Hard: the Newton Model <i>Simms, James R.</i></p>
15:30 Tea/Coffee (Bricker Ground Floor Lobby) – Poster Viewing			

16:00 Workshops		
1	2	3
Bricker Academic Building Room 110 Meet with the IFSR What you need to know about publications: journal ranking, papers, and publishers. A presentation by the IFSR.	Bricker Academic Building Room 111 An informal discussion about Relational Science and how it applies to everyday contexts, issues, and familiar situations.	Bricker Academic Building Room 202 Student SIG Discussion Group Nicholas Magliocca
Dinners available on campus or local restaurants		
19:30 Evening Plenary – Open Lecture, Bricker Academic Building, Room 101		
19:30 – 21:00	Chair of Evening Plenary: Allenna Leonard Resilience and Robustness: A Dynamic View of Conservation and Change Pille Bunnell Followed by Abbey North Drummers – participative percussion group	

Wednesday: July 21, 2010
Theme: Life and Health

REGISTRATION DESK OPEN 08:00 – 17:00 (Lobby, Bricker Academic Bldg)

07:45 to 08:45 ISSS Roundtable Discussion (Lounge, Bricker Residence)

09:00 Plenary Session (Bricker Academic Bldg, Room 101)

09:00	Chair of Plenary: Ockie Bosch Food Policy for a Resilient Future Debra Hammond Surfing the Pandemic Wave: Poise, Passion and Managing Insoluble Problems David Waltner-Toews
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10:30 Tea/Coffee (Bricker Ground Floor Lobby) – Poster Viewing

11:00	Rights, Responsibilities and Resilience, or, Auntie Phyllis and the Bloody Great Fork Ron Cottam Question Time
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12:30 Lunch (Wilfrid Laurier Dining Hall)

13:45 1- 4 Parallel Sessions			
1	2	3	4
<p>Bricker Academic Building Room 110</p> <p>Socio-Ecological Systems Chair: Jon Li</p> <p>1450 (1454) A System That Works: Building a Decentralized Global Political Economy Using the Viable System Model <i>Li, Jon</i></p> <p>1356 Toward a General Theory of Land-Use Systems <i>Magliocca, Nicholas</i></p> <p>1445 (1491) Associations for the Reciprocal and Mutual Sharing of Advantages and Disadvantages <i>Bricage, Pierre</i></p> <p>1368 (1429) A Complex Adaptive Systems Approach for the Green Growth <i>Kwon, Hyuk Kihl</i></p>	<p>Bricker Academic Building Room 111</p> <p>Systems Applications for Business and Industry Chair: David Ing</p> <p>1358 (1436) Total System Intervention for System Failures and Its Application to ICT Systems <i>Nakamura, Takafumi; Kijima, Kyoichi</i></p> <p>1413 A Factors Defining Economic Organizations in Relationship to the Groups that Make Them Up <i>Henderson, Mary E.</i></p> <p>1484 Project Management Performance Assessment on the Attainment of Construction Sustainability: Knowledge-Based System Approach <i>Corona-Suarez, Gilberto A.; Arcudia-Abad, Carlos E.; Loria-Arcila, Jose H.</i></p>	<p>Bricker Academic Building Room 112</p> <p>What is Life and Living Chair(s): John Kineman and Judith Rosen</p> <p>1463 Not 2, But 3 : Always! <i>Cottam, Ron; Ranson, Willy; Vounckx, Roger</i></p> <p>1317 (1391) Information and Living Things <i>Arango, Juan David</i></p> <p>1419 (1492) Know Thyself: Applications for Anticipatory Systems Theory in Medicine and Psychology <i>Rosen, Judith</i></p> <p>1501 The Origins of Natural Systems by Means of Contextual Relation <i>Kineman, John</i></p>	<p>Bricker Academic Building Room 113</p> <p>Health and Systems Thinking Chair: Thomas Wong</p> <p>1352 (1399) The A H1N1 Influenza Pandemic: A Systemic Analysis of Its Genesis, Evolution, and Socio-Economic, Cultural and Health Consequences <i>Aceves, Francisco J; Valdes, Mario A; Alvarado, Jesus</i></p> <p>1446 (1447) Knowledge Inheritance in Traditional Chinese Medicine (TCM) <i>Gu, Jifa; Gao, Rui; Li, Lantao; Zhu, Zhengxiang; Song, Wuqi</i></p> <p>1477 The Quest for a General Information Gathering Process for Diagnosis At the Macroscopic Level and the Microscopic Level - the Traditional Chinese Medicine Eight Principle Differential Diagnostic-Cure Process <i>Wong, Thomas Sui Leung; Huang, Yan</i></p> <p>1360 Pandemic Influenza in Metropolitan Seoul Area with a Well Developed Public Transportation: Individual-Based Simulation with Korean Data <i>Kim, Chansoo; Chung, Hwangwon; Oh, Jung-Soo</i></p>
15:45 Tea/Coffee (Bricker Ground Floor Lobby) – Poster Viewing			

16.00 1- 4 Parallel Sessions			
1	2	3	4
<p>Bricker Academic Building Room 110</p> <p>Human Systems Inquiry Chair: Shankar Sankaran</p> <p>1324 (1414) Leadership of Nonprofit Organizations in the Aged and Community Care Sector in Australia <i>Sankaran, Shankar; Cartwright, Colleen; Kelly, Jacqueline; Shaw, Kelly; Soar, Jeffrey</i></p> <p>1363 (1449) Enacting Wholeness-Praxis Communities for Transforming Global Unsustainability with Collective Wholeness Consciousness <i>Li, Ming-fen; Lin, Kingkong</i></p>	<p>Bricker Academic Building Room 111</p> <p>Designing Educational Systems Chair: Ockie Bosch</p> <p>1351 (1393) The Hard Facts of Soft Social Systems: Boulding's Typology Elaborated to Explain Behavior in Schools and Workplaces <i>Gabriele, Susan Farr</i></p> <p>1503 (1504) The 'Maribor Concept' of Systems Education: Specialization without Over- specialization <i>Zenko, Zdenka; Mulej, Matjaz</i></p>	<p>Bricker Academic Building Room 112</p> <p>Spirituality and Systems Chair: Thomas Wong</p> <p>1433 Dynamic Co-Creation <i>MacGill, Victor Ronald David</i></p> <p>1478 Entropy Debt, Entropy Cycling and Karma - the Teaching of Buddha in Terms of System Theory <i>Wong, Thomas Sui Leung; Huang, Yan</i></p>	<p>Bricker Academic Building Room 113</p> <p>Systems and Mental Health Chair(s): Pamela Buckle Henning and Tamar Zohar Harel</p> <p>1333 (1364) Disequilibrium, Development, and Resilience through Adult Life <i>Buckle Henning, Pamela</i></p> <p>1341 The Influence of Systems on John Bowlby's Work in Attachment Theory <i>Metcalf, Gary S.</i></p>

17:00 Workshops			
1	2	3	4
Bricker Academic Building Room 110 Project Wadi Attir: A Model Sustainable Desert Community Michael Ben Eli	Bricker Academic Building Room 111 IASCYS Discussion of Membership Criteria Matjaz Mulej	Bricker Academic Building Room 112 Living Systems Analysis: Making Soft Systems Hard James R. Simms	Bricker Academic Building Room 202 Student SIG Discussion Group Nicholas Magliocca
Dinners available on campus or local restaurants			
19:15 – 20:15	EcoPolicy Game, It's a cyberbetic world -- play your way to a new understanding of our complex world! Room 110, Bricker Academic Bldg		
19:15 – 20:30	ISSS Council Meeting (all SIG Chairs, Board, Trustees, national and regional chairs to attend), Wilf Pub		
20:30 – onwards	Past Presidents' and Students' Fireside Chat, Hawks Nest, on campus in the Fred Nichols Campus Center		

Thursday: July 22, 2010

Theme: Design

REGISTRATION DESK OPEN 08:00 – 17:00 (Lobby, Bricker Academic Bldg)

07:45 to 08:45 ISSS Roundtable Discussion (Lounge, Bricker Residence)

09:00 Plenary Session (Bricker Academic Bldg, Room 101)

09:00	Chair of Plenary: Gary Metcalf Fear for Sustainability: A Transdisciplinary Approach Jacob Sperber , Restoring the Positive Functions of Fear Jeremy Coplan : Have Genetically Fearless Agents Led us Astray? Markus Schwaninger : Reframing Fear as a Trigger for Restoring Sustainability
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11:00 Tea/Coffee (Bricker Ground Floor Lobby) – Poster Viewing

11:30	Design, Systems and Cybernetics Ranulph Glanville
12:15	Question Time

12:30 Lunch (Wilfrid Laurier Dining Hall)

14:00 1- 4 Parallel Sessions			
1	2	3	4
<p>Bricker Academic Building Room 110</p> <p>Socio-Ecological Systems Chair(s): Jon Li</p> <p>1342 (1379) Conscious Purpose in 2010: Bateson's Prescient Warning <i>Guddemi, Phillip V</i></p> <p>1481 Social Networks Are Effective Adaptive Mechanisms to High Uncertainty in Desert Livelihood and Ecosystems in Central Australia Maru, Yiheyis Taddele</p> <p>1334 (1415) Closing the Loop: Systems Thinking Led Sustainable Sanitation Project in Australia <i>Sankaran, Shankar; Abey Suriya, Kumi; Gray, Janice; Kochenko, Anthony</i></p>	<p>Bricker Academic Building Room 111</p> <p>Systems Applications for Business and Industry Chair: David Ing</p> <p>1382 (1384) The Soft Systems Methodology on the Implementing of a GPS System, in the Trucking Companies <i>Elizalde-Medrano, Adrian; Tejeida-Padilla, Ricardo; Orduñez-Zavala, Enrique; Mendez-Diaz, Jorge</i></p> <p>1403 (1404) Viable Systems Model and Quality of Hospitality Services <i>Briones-Juarez, Abraham; Tejeida-Padilla, Ricardo; Badillo-Piña, Isaias José; Morales-Matamoros, Oswaldo</i></p> <p>1398 (1400) Analyzing the Bullwhip Effect in After-Sales Spare Parts Supply Chains in Telecom Firms, a Complex System Approach <i>Tejeida-Padilla, Ricardo; Flores-Cadena, Mauricio; Morales-Matamoros, Oswaldo</i></p>	<p>Bricker Academic Building Room 112</p> <p>Systems Engineering/Modeling and Simulation Chair: Janet Singer</p> <p>1377 (1432) Rainfall Use to Improve the Sustainability of the Hydraulic System in the Valley of Mexico <i>Badillo-Piña, Isaias José; Orduñez-Zavala, Enrique; Tejeida-Padilla, Ricardo</i></p> <p>1425 (1431) Different Types of Misperception Regarding Benevolence <i>Kawabe, Shutaro; Kobayashi, Norimasa</i></p> <p>1318 (1371) The Intelligent Scenario Selection in Dynamic Hoist Scheduling Problem: the Real-Life Electroplating Line Case <i>Kujawski, Krzysztof; Świątek, Jerzy</i></p>	<p>Bricker Academic Building Room 113</p> <p>System Dynamics/Cybernetics Chair(s): Allenna Leonard</p> <p>1350 (1369) A Cybernetic Approach to Hurricane Hazard Management on O'ahu, Hawai'i <i>Reissberg, Anja</i></p> <p>1361 (1437) System Dynamics of the Relations Between Two Koreas Under the Roh Moo-Hyun Administration <i>Sim, Youn Soo</i></p> <p>1320 (1489) The Sensitivity Model of Prof. Vester - A Biocybernetic Approach for a Sustainable Control and Regulation of Complex Systems <i>Harrer, Gabriele Rosa Maria</i></p>
<p>15:30 Tea/Coffee (Bricker Ground Floor Lobby) – Poster Viewing</p>			

16:00 1- 4 Parallel Sessions			
1	2	3	4
<p>Bricker Academic Building Room 110</p> <p>Socio-Ecological Systems Chair(s): Jon Li</p> <p>1416 Systems Methodologies, Complexity, and Resource and Environmental Management <i>Slocombe, Scott</i></p> <p>1355 (1435) Group Development: A Complex Adaptive Systems Perspective <i>Edson, Mary C</i></p> <p>1409 (1497) Management of Ecosystem Services in the Marine Environment: Using System Approaches to Identify Multi-Stakeholder Perspectives <i>Atkins, Jonathan P.; Burdon, Daryl; Elliott, Mike; Gregory, A.J.</i></p> <p>1319 How to Lock the Hood on the Economy <i>Smith, Jeffery J</i></p>	<p>Bricker Academic Building Room 111</p> <p>Systems Applications for Business and Industry Chair(s): David Ing</p> <p>1367 (1439) Improving Resilience of Critical Human Systems in CBRN Emergencies: Challenges for First Responders <i>Chroust, G.; Rainer, K; Sturm, N; Roth, M; Ziehesberger, P.</i></p> <p>1483 Educating Senior Executives in a Novel Strategic Paradigm: The Role of 'Systems Thinking' in Framing the Content and Pedagogy of the Sustainable Enterprise Academy <i>Zohar, Asaf</i></p> <p>1476 Service Systems Education in a Reflexive Approach: Designing a Collaborative Coproducing Curriculum Online <i>Ing, David; Metcalf, Gary</i></p>	<p>Bricker Academic Building Room 112</p> <p>Information Systems Design and Information Technology Chair: Roberto Kampfner</p> <p>1389 (1441) Study of Intelligent Control of an Arm Robot Equipped with a C-MOS Camera Using a New Type of Image Processing <i>Sato, Yoshishige</i></p> <p>1417 (1423) Computer-Based Information Systems As a Means of Automating the Use of Knowledge About Information Processing in Complex Systems <i>Kampfner, Roberto R.</i></p> <p>1332 (1490) Management Technology for Mexican Satellite System <i>Velázquez Lozada, Erick</i></p>	<p>Bricker Academic Building Room 113</p> <p>Systemic Approaches to Conflict and Crises Chair(s): Dennis Finlayson</p> <p>1331 (1438) A Comparison of the Prochaska Cycle of Change and the Holling Adaptive Cycles <i>MacGill, Victor Ronald David</i></p> <p>1494 (1495) Volunteering and Linking Roles in (Enabling and Sustaining the Grassroots Base Of) Resilient Global Governance: A Systemic Model <i>Finlayson, Dennis E.</i></p> <p>1346 (1396) A Holistic Design for the Self-Construction of the Core of a Modular Small House and its Services for Disaster Zones <i>Peon-Escalante, Ignacio E; Audefroy, Joel; Flores, David</i></p> <p>1496 Enabling Resilient Governance: Canada's Role in Haiti? <i>Finlayson, Dennis E.</i></p>
19:00 Conference Dinner			
18:30 for 19:00	ISSS CONFERENCE DINNER Buffet in the Turret Room, Wilfrid Laurier University		

Friday: July 23, 2010

Theme: Reflections

REGISTRATION DESK OPEN 08:00 – 13:00 (Lobby, Bricker Academic Bldg)

07:45 to 08:45 ISSS Roundtable Discussion (Lounge, Bricker Residence)

09:00 Plenary Session (Bricker Academic Bldg, Room 101)

09:00

Chair of Plenary: Allenna Leonard

Systems Thinkers Think about Systems Education under the Austrian (Ash) Clouds

Report of the Education DES SIG discussions - Professor Ockie Bosch

Feedback from the Student SIG - Nicholas Magliocca

The ISSS Roundtable at 10 Years - Susan Gabriele

10:30 Tea/Coffee (Bricker Ground Floor Lobby) – Poster Viewing

11:00

Vickers Award Student Presentation

SIG Feedback - Alexander and Kathia Castro Laszlo

Jennifer Wilby, ISSS President 2010/11

Invitation and presentation: Next Conference

ISSS Annual General Meeting

12:30 Close of Conference

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