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# Conference Program and Schedule

ISSS 2016 CONFERENCE NOTES

## Sunday: July 24 – Pre-Conference Workshops

**REGISTRATION DESK OPEN 08:00 – 18:00 (Lobby, Engineering Building, UC Boulder)**

10:00 – 17:00 Pre-conference Workshops	
1.	<p><b>Day IV: Topic(s) 8</b>  <b>2932 Tutorial: Systems Processes Theory as a GST, Prototype Systems Science, and Knowledge Base for Systems Engineering &amp; Sustainability, Troncale, L. R.</b></p>
10:00 – 12:30 Pre-conference Workshops	
1.	<p><b>Day I, II, III: Topic(s) 2, 3, 6</b>  <b>2865 Systems Basics in Understanding System Wholeness "Reuniting Nature and Humanity": The Oriental Systems Thinking In the Teaching of Buddha. 系統論基礎工作坊之一：佛學的東方系統思維 - 以天人合一理解系統完整性</b> <i>Leung Wong, Thomas Sui; Huang, E C Yan</i></p>
14:00 – 17:00 Introduction to ISSS 2013	
1.	<p><b>2849 Workshop Day IV: Topic(s) 7</b>                      Introduction to Spiral Dynamics Integral, <i>Levi, Ben</i></p> <p><b>2948 Workshop Day IV: Topic(s) 8</b>                      Living Systems Analysis Workshop, <i>Simms, Jim</i></p> <p><b>2930 Workshop Day III: Topic(s) 6</b>                      Multicultural World Views on Sustainability, <i>Surel, Dominique; Gupta, Vijay K.</i></p> <p><b>2866 Workshop Day I, II, III: Topic(s) 2, 3, 6</b>                      Systems Basics in Understanding System Wholeness "Reuniting Nature and Humanity": The Oriental Systems Thinking In Traditional Chinese Medicine 系統論基礎工作坊之：中醫藥學的東方系統思維 - 以天人合一理解系統完整性, <i>Leung Wong, Thomas Sui; Huang, E C Yan</i></p>

### 18:00 – 20:00 Reception

Evening Reception in University Memorial Hall (UMC) C4C Dining Room Marque

**Monday: July 25, 2016**

**REGISTRATION DESK OPEN 07:45 – 18:00 (Lobby, Maths 100)**

**07:15 to 08:15 ISSS Roundtable Discussion (Treehouse Room, C4C Dining Room)**

**08:30 Plenary Session (Maths 100 Lecture Theatre)**

**08:30**

**10:15 – 10:30 Tea/Coffee (Maths 100 Courtyard)**

**11:45**

**12:15 Lunch (C4C Cafeteria)**

**Paper Sessions 13:30 – 15:00**

<b>Engineering Room ECCR151</b>	<b>Engineering Room ECCR200</b>	<b>Engineering Room ECCR245</b>	<b>Engineering Room ECCR265</b>	<b>Engineering Room ECCR 1B51</b>	<b>Engineering Room ECCR 1B55</b>	<b>Benson 180</b>
<b>SABI: Dialogue in Systems Applications in Business and Industry</b>	<b>Socio-Ecological Systems</b>	<b>Designing Educational Systems</b>	<b>Foundation of Information Science</b>	<b>Research Toward a General Theory of Systems</b>	<b>Human Systems Inquiry</b>	<b>Discussion</b>

<p><b>2776</b> <b>Day IV: Topic(s) 7</b> Industrial Ecology in Motion: A Theoretical Proposal for Innovation on SME's <i>Acero López, Andrés Esteban</i></p> <p><b>2808 (2821)</b> <b>Day IV: Topic(s) 7</b> New Strategies for the Mexican Petrochemical Industry <i>Villarreal, Elvira Avalos; Leon Vega, Cirilo Gabino</i></p> <p><b>2832 (2911)</b> <b>Day IV: Topic(s) 7</b> Using Viable System Model for Chinese Outbound Tourist Market Sustainability <i>Arenas-Resendiz, Tanya; Tejeida-Padilla, Ricardo;</i></p>	<p><b>2724 (2906)</b> <b>Day II: Topic(s) 3, 4</b> Systems Thinking and Wildland Fire Management <i>Thompson, Matthew P ; Dunn, Christopher J; Calkin, David E</i></p> <p><b>2737 (2939)</b> <b>Day I: Topic(s) 1, 2</b> A Framework for Understanding and Achieving Sustainability of Complex Systems <i>Mobus, George</i></p> <p><b>2758</b> <b>Day I: Topic(s) 1, 2</b> MONDAY OR TUESDAY The Holistic Values of Socio-Ecological Systems and the Practice of Green Development InChina <i>Fan, Dongping; Fu, Qiang</i></p>	<p><b>2814</b> <b>Day I: Topic(s) 1</b> From Systemystery to Systemastery - A Toolbox for Developing Systemry <i>Daniel Allegro, Brigitte ; Smith, Gary Robert</i></p> <p><b>2788</b> <b>Day III, V: Topic(s) 6, 9</b> Outdoor Adolescent Rites of Passages: Theoretical Foundations, Contemporary Shortcomings, and the Emerging New Model <i>Dooley-Feldman, Eric Adam</i></p> <p><b>2927 (2927)</b> <b>Day I,IV: Topic(s) 5, 10</b> Analysis of Global Quality Indicators in</p>	<p><b>2818</b> <b>Day I: Topic(s) 1, 2</b> On the Information Processing Aspect of the Evolutionary Process <i>Kampfner, Roberto R</i></p> <p><b>2853</b> <b>Day I: Topic(s) 1, 2</b> On the Information Processing Aspect of the Evolutionary Process <i>Takaku, Tatsumasa</i></p> <p><b>2845</b> <b>Day IV: Topic(s) 7</b> Architecture of a Systems Modelling Platform <i>Kumar, Anand; Nori, Kesav Vithal</i></p>	<p><b>2744</b> <b>Day IV: Topic(s) 7,8</b> Footprints of General Systems Theory <i>Malecic, Aleksandar</i></p> <p><b>2793</b> <b>Day I, IV: Topic(s) 1, 2, 8</b> An Integrative Model of Four-Phase Adaptive Evolution in Organizations <i>Lin, Kingkong</i></p> <p><b>2807</b> <b>Day I, IV: Topic(s) 2, 8</b> Addressing the Whole Whole <i>Marzolf, Thomas R</i></p>	<p><b>2780 (2942)</b> <b>Day I, II: Topic(s) 2, 3</b> Ingenieros Sin Fronteras Colombia: Improvement of the Water Quality In the Community of Santa Isabel de Potosí <i>Ramírez Cajiao, María Catalina; Sanabria Céspedes, Juan Pablo; Duarte Gómez, Diana María; Acero López, Andrés Esteban</i></p> <p><b>2795 (2913)</b> <b>Day III: Topic(s) 5</b> Civilization, Technology, and Money: The Challenge of a Human Fit <i>Kalton, Michael Charles</i></p> <p><b>2745 (2893)</b> <b>Day I: Topic(s) 2</b> Typology of Social Actions Based on the Living System Theory <i>Riss, Ilan</i></p>	<p><b>Workshop</b> <b>2886</b> <b>Day I, V: Topic(s) 2, 10</b> MONDAY 3 hours Towards Systems Literacy - The Role of Systems Research <i>Edson, Mary C.</i></p>

<i>Morales-Matamoros, Oswaldo ; Coria-Paez, Ana Lilia; Sanchez-García, Jacqueline Yvette</i>		the National Polytechnic Institute, Mexico <i>Patiño, Julian; Yarzabal Coronel, Nashielly; Patiño Ortiz, Miguel ; Cuellar Orozco, Maricela; Ramírez Romero, Tonáhtiu Arturo</i>				
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**15:00 Tea/Coffee (Engineering Lobby) – Poster Viewing in Engineering Lobby**

<b>Paper Sessions 15:30 – 17:00</b>						
<b>Engineering Room ECCR151</b>	<b>Engineering Room ECCR200</b>	<b>Engineering Room ECCR245</b>	<b>Engineering Room ECCR265</b>	<b>Engineering Room ECCR 1B51</b>	<b>Engineering Room ECCR 1B55</b>	<b>Benson 180</b>
<b>SABI: Dialogue in Systems Applications in Business and Industry</b>	<b>Socio-Ecological Systems</b>	<b>Designing Educational Systems</b>	<b>Health and Systems Thinking</b>	<b>Research Toward a General Theory of Systems</b>	<b>Human Systems Inquiry</b>	<b>Discussion</b>
<b>2834 (2910)</b> <b>Day IV: Topic(s) 7</b> A Systemic Approach on Human Resource Management in Tourism Small and	<b>2763</b> <b>Day : Topic(s) 3, 5</b> The System of Accounts for Global Entropy Production, (Sage-P): Nonlinear Accounting of Gross	<b>2796</b> <b>Day IV: Topic(s) 7</b> Exploring the Phenomenon of Technological Integration in K-12	<b>2800</b> <b>Day II: Topic(s) 3</b> Managing for the Health of Coupled Human and Natural Systems at the Watershed Scale	<b>2809 (2925)</b> <b>Day III: Topic(s) 5</b> The Linkage between Systems Thinking and Ethics <i>Roth, William F</i>	<b>2767</b> <b>Day 1, III: Topic(s) 1, 5</b> Emerging Possibilities: Adapting Carol Sanford’s Stakeholder Pentad for the	<b>Workshop Proposal workshop Proposal 2886</b> <b>Day I, V: Topic(s) 2, 10</b> MONDAY 3 hours

<p>Medium Enterprises Considering Socio-Ecological Systems <i>Nuñez-Ríos, Juan Enrique; Tejeida-Padilla, Ricardo; Badillo-Piña, Isaias ; Morales-Matamoro, Oswaldo; Sanchez-García, Jaqueline Yvette; Jarquin-García, Brenda;</i></p> <p><b>2837 (2909)</b> <b>Day IV: Topic(s) 7</b> Systemic Complementarity In Micro, Small and Medium Tourist Enterprises Considering the Socio-Ecological System <i>Sánchez-García, Jacqueline Yvette; Tejeida-Padilla, Ricardo; Moreno-Escobar, Jesus Jaime; Morales-Matamoros, Oswaldo ; Nuñez-Ríos, Juan Enrique; Arenas-Resendiz, Tanya;</i></p> <p><b>2838 (2912)</b> <b>Day IV: Topic(s) 7</b></p>	<p>Domestic Product (GDP) In the Domain of the Ecosphere, Sociosphere and Econosphere <i>Friend, Marcus Anthony</i></p> <p><b>2764 (2848)</b> <b>Day III: Topic(s) 5</b> An Aggregated Qualitative Accounting Method for Developing Justified Policies <i>Friend, Michèle</i></p> <p><b>2770</b> <b>Day I: Topic(s) 1</b> MONDAY OR TUESDAY The Reconstruction of Systems Paradigm: Study on the Idea and Model for Boundary-Balance of Nonlinear Society <i>Liu, Yiyu; Yan, Zexian</i></p>	<p>Classrooms for Education Leaders <i>Raine, Alice</i></p> <p><b>2879</b> <b>Day V: Topic(s) 10</b> A Systems Approach to the Development of Research Capacity: A Case Study of a Systems Practice Masters Programme <i>Corrinne Shaw, ; Kate Le Roux</i></p> <p><b>2775</b> <b>Day III: Topic(s) 6</b> Indigenous Contributions to Sustainability and Systems Education <i>Morgan, Te Kipa Kipa; Fa`Aui, Tumanako Ngawhika</i></p>	<p><i>Bunch, Martin Joseph; Morrison, Karen</i></p> <p><b>2813</b> <b>Day IV: Topic(s) 7</b> Architectural Parallels Between Biological and Engineered Solutions in Defence and Security “Adaption, Anticipation, and Sustainment.” <i>Daniel Allegro, Brigitte ; Smith, Gary Robert</i></p> <p><b>2882</b> <b>Day II, III: Topic(s) 2, 3</b> Five Elements Systemic Healthcare Program for Physically Strong Emotionally Happy Mentally Kind Behaviorally Charitable and Spiritually Enlightened – Reuniting Nature and Humanity 五行養生法之修身健康、修心受樂、慈悲養性、修行為善、正見靈修、以體現天人合一。 <i>Leung Wong, Thomas Sui; Huang, E C Yan</i></p>	<p><b>2756 (2917)</b> <b>Day I, IV: Topic(s) 2, 8</b> System Language: Understanding Systems <i>Mobus, George; Anderson, Kevin</i></p> <p><b>2779</b> <b>Day I, IV: Topic(s) 2, 8</b> A General Framework for Systems Research and Modeling <i>Kineman, John J.</i></p>	<p>Nonprofit and Public Sectors <i>Gibbons, Kathleen; Jacobs, Marty</i></p> <p><b>2792</b> <b>Day I, III: Topic(s) 2, 5, 6</b> Leadership Practices for Thrivability of Complex Social Systems: Three Stories <i>Wilson, Patricia A.; Walsh, Elizabeth; Bush, Alan</i></p> <p><b>2803</b> <b>Day II: Topic(s) 2</b> Aristotle's Four Causes and Teamwork in Corporations <i>Kulak, Daryl</i></p>	<p>Towards Systems Literacy - The Role of Systems Research <i>Edson, Mary C.</i></p>
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Designing an Accessible Tourism Destination: The Soft System Methodology and the Triple Helix as a Theoretical and Practical Proposal <i>Matamoros-Hernández, Omar Edmundo; Tejeida-Padilla, Ricardo; Briones-Juarez, Abraham; Morales-Matamoros, Oswaldo</i>						
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Dinner available at C4C (17:00 to 18:30 self-pay) or nearby local restaurants

**19:00 Evening**

19:00 – 21:00



**Tuesday: July 26, 2016**

**REGISTRATION DESK OPEN 07:45 – 18:00 (Lobby, Maths 100)**

**07:15 to 08:15 ISSS Roundtable Discussion (Treehouse Room, C4C Dining Room)**

**08:30 Plenary Session (Maths 100 Lecture Theatre)**

**08:30**

**10:15 – 10:30 Tea/Coffee (Maths 100 Courtyard)**

**11:45**

**12:15 Lunch (C4C Cafeteria)**

**Paper Sessions 13:30 – 15:00**

<b>Engineering Room ECCR151</b>	<b>Engineering Room ECCR200</b>	<b>Engineering Room ECCR245</b>	<b>Engineering Room ECCR265</b>	<b>Engineering Room ECCR 1B51</b>	<b>Engineering Room ECCR 1B55</b>	<b>Benson 180</b>
<b>Action Research And Balancing Individualism and Collectivism</b>	<b>Systems Ethics</b>	<b>Systemic Approaches to Conflict and Crises</b>	<b>Systems Engineering</b>	<b>Curating Emergence for Thrivability</b>	<b>Organisational Transformation and Social Change</b>	

<p><b>Action Research</b></p> <p><b>2760 (2903)</b>  <b>Day I, IV: Topic(s) 2, 8</b>  Participatory Action-Research as a Methodology for the Development of Appropriate Technologies by Communities  <i>Aceró López, Andrés Esteban; Ramírez Cajiao, María Catalina; Mejía, Mauricio Peralta; Payán Durán, Luisa Fernanda; Espinosa Díaz, Edier Ernesto</i></p> <p><b>2797</b>  <b>Day II, III, V: Topic(s) 3, 5, 9</b>  The Urban Village as a Living System: Building a Generative and Caring Local Economy and Society through Strategic Collaboration  <i>Joseph, Brett R.</i></p> <p><b>2843 (2843)</b></p>	<p><b>2774</b>  <b>Day I, IV: Topic(s) 2, 8</b>  A Good Approach to Wicked Problems  <i>Vodonick, John</i></p> <p><b>2873</b>  <b>Day IV, V: Topic(s) 7, 8, 10</b>  Systems Modeling to Understand Threats to Research Integrity &amp; the Effectiveness of Proposed Solutions  <i>Amber D. Elkins, ; Dennis M. Gorman, ; Mark A. Lawley</i></p>	<p><b>2754 (2854)</b>  <b>Day I, II: Topic(s) 2, 3, 4</b>  Developing an Understanding of Violence using the DSRP Theory as a Framework  <i>Macgill, Victor Ronald David</i></p> <p><b>2787 (2857)</b>  <b>Day II: Topic(s) 4</b>  Anticipation and Systems Thinking: A Key to Resilient Systems  <i>Chroust, Gerhard; Finlayson, Dennis</i></p> <p><b>2790</b>  <b>Day 1, III: Topic(s) 1, 5</b>  Sustainability Challenged – Comparing Two Competing Value Systems – What We Found “Shang Jun Shu (The Book By Shang)” From Chin’ Dynasty 2000 Years Ago and the Islamist Ideology Today in Common</p>	<p><b>2728</b>  <b>Day IV: Topic(s) 7</b>  CONSYS Approach for Building: A Link Between CONOPS and System Models in the Context of Model-Based Systems Engineering  <i>Yang, Sherry; Blessner, Paul; Olson, Bill</i></p> <p><b>2732 (2732)</b>  <b>Day II: Topic(s) 3, 5</b>  Systemic Integration on Spatial Knowledge in Business  <i>Leon Vega, Cirilo Gabino; León Hernández, Ciro David ; Reséndiz Vázquez , Rabiendranath</i></p> <p><b>2823 (2823)</b>  <b>Day V: Topic(s) 9</b>  A Systemic Model for Communication Innovation  <i>Leon Vega, Cirilo Gabino; Iturri Hinojosa, Luis Alejandro; Ávalos Villareal, Elvira</i></p>	<p><b>2740</b>  <b>Day I, V: Topic(s) 1, 2, 10</b>  A Whole Systems Approach to Education Redesign: A Case Study on the Need for Inter-Generational Perspectives and Inclusion  <i>Laszlo, Kahlia Paola; Laszlo, Alexander</i></p> <p><b>2752 (2955)</b>  <b>Day V: Topic(s) 10</b>  TUESDAY  Crucial Institutional Innovations: Evolutionary Change in Higher Education  <i>Macvie, Leah</i></p> <p><b>2771</b>  <b>Day I: Topic(s) 1, 2</b>  The Lighthouse - Innovating the Systems Sciences System  <i>Karabeg, Dino; Macvie, Leah; Rudan, Sasha Mile; Rudan, Sinisha; Grathoff, Annette; Laszlo, Alexander; Hahn, Samuel</i></p>	<p><b>2836</b>  <b>Day I, IV: Topic(s) 1, 2, 7</b>  MONDAY OR TUESDAY  How Teaching Cybernetics, in any Discipline, Can Bring Forth Systemic Change  <i>Chapman, Jocelyn ; Mcclendon, Karen</i></p> <p><b>2842</b>  <b>Day I, III, IV: Topic(s) 1, 6, 7</b>  The Illusion of Technology: A Generational Perception on the Need for a Human-Centered Approach in Dealing with Developments of Science and Technology  <i>Von Mitschke-Collande, Joséphine; Alvarez Pereira, Carlos</i></p> <p><b>2889</b>  <b>Day IV: Topic(s) 7</b>  A Categorization of Socio-Technical Systems Approaches based on Context and Purpose</p>	
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<p><b>Day I, II: Topic(s) 2, 3</b></p> <p>Critical Systems Thinking Review on Decentralised Drinking Water Management in Nuali City, Indonesia</p> <p><i>Simbolon, Jackwin</i></p>		<p><i>Hu, Jason Jixuan; Liu, Zhongjing William</i></p>			<p><i>Rime, Elatlassi; Narwankar, Chinmay Sandeep; Calvo-Amodio, Javier</i></p>	
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**15:00 Tea/Coffee (Engineering Lobby) – Poster Viewing in Engineering Lobby**

Paper Sessions 15:30 – 17:00						
Engineering Room ECCR151	Engineering Room ECCR200	Engineering Room ECCR245	Engineering Room ECCR265	Engineering Room ECCR 1B51	Engineering Room ECCR 1B55	Benson 180
<p><b>Action Research and Systems &amp; Mental Health</b></p>	<p><b>Systems Philosophy and Critical Systems Theory and Practice</b></p>	<p><b>Systemic Approaches to Conflict and Crises</b></p>	<p><b>Systems Engineering and Service Systems Science</b></p>	<p><b>Curating Emergence for Thrivability and Spirituality and Systems</b></p>	<p><b>Organisational Transformation and Social Change</b></p>	
<p><b>2887 (2888)</b></p> <p><b>Day V: Topic(s) 9</b></p> <p>A Communication System for Socio-Ecological Processes</p> <p><i>Murillo-Sandoval, Sandra Leticia; Peon-Escalante, Ignacio E; Badillo-Piña, Isaías</i></p>	<p><b>2762</b></p> <p><b>Day IV: Topic(s) 8</b></p> <p>Dynamics as Demarcation</p> <p><i>Silverman, Howard</i></p> <p><b>2884</b></p> <p><b>Day III: Topic(s) 5</b></p>	<p><b>2791</b></p> <p><b>Day II, III: Topic(s) 4, 6</b></p> <p>Comparing the Current ISIS and the (Not Yet) Past Leninist States (USSR and Pre-1979 China)</p>	<p><b>2835 (2940)</b></p> <p><b>Day I, II: Topic(s) 2, 3</b></p> <p>Wholeness in Complex Socio-Technical Systems</p> <p><i>Toth, William Joseph</i></p> <p><b>2742 (2881)</b></p> <p><b>Day I: Topic(s) 1, 2</b></p>	<p><b>2778 (2935)</b></p> <p><b>Day II, V: Topic(s) 3, 10</b></p> <p>Patterns that Connect: Exploring the Potential of Patterns and Pattern Languages in Systemic Interventions towards Realizing Sustainable Futures</p>	<p><b>2819 (2947)</b></p> <p><b>Day I: Topic(s) 1,2</b></p> <p>Opening the Field of Linguistic Design for Thrivability</p> <p><i>Roth, Ian</i></p> <p><b>2833 (2874)</b></p> <p><b>Day I, III: Topic(s) 1, 5</b></p>	

<p><b>2777</b> <b>Day V: Topic(s) 9</b> Positive Systems Science: Using Positive Psychology to bring Systems Science to Life <i>Siokou, Christine</i></p> <p><b>2921</b> <b>Day V: Topic(s) 10</b> Developing a Theory of Systems Change Approach to Practice-Based Research in a Professional Public Health Doctoral Program <i>Pinsker, Eve; Welter, Cristina</i></p>	<p>Bringing Forth the Ecological Economy <i>Perkins, Skyler Knox</i></p> <p><b>2895</b> <b>Day IV: Topic(s) 7</b> Complementarist Approach to Categorize Different Stakeholders within Socio-Technical Systems <i>Calvo-Amadio, Javier; Narwankar, Chinmay Sandeep; Rime, Elatlassi; Wang, Siqi</i></p>	<p><i>Liu, Zhongjing William; Hu, Jason Jixuan</i></p> <p><b>2872</b> <b>Day III: Topic(s) 5</b> Evolution of Supply Chain Management Towards Green Supply Chain Management: Drivers and Their Impact <i>Sami Georges Elnaddaf</i></p>	<p>Performance Evaluation System In Engineering Matters: Systematic and Theoretical Approach to Humanity <i>Takaku, Tatsumasa</i></p> <p><b>Service Systems Science</b> <b>2844</b> <b>Day IV: Topic(s) 7</b> Value Based Architecture of Digital Product-Service Systems <i>Kumar, Anand; Lokku, Doji Samson; Zope, Nikhil Ravindranath</i></p>	<p><i>Finidori, Helene</i></p> <p><b>2892</b> <b>Day I: Topic(s) 1, 2</b> Analogical Reasoning on Creation <i>Lee, Suehye; Shirasaka, Seiko</i></p> <p><b>2900</b> <b>Day IV: Topic(s) 7</b> Unlimited Energy <i>Crespo, Fabiana</i></p>	<p>How to Design All Together? The Triple Bottom Line <i>Barrera, Ricardo</i></p> <p><b>2898 (2898)</b> <b>Day III: Topic(s) 6</b> Transnational Knowledge: Its Creation and Distribution Exploiting Entrepreneurship and Organisational Behaviour <i>Hilton, Brian John</i></p>	
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Dinner available at C4C (17:00 to 18:30 self-pay) or nearby local restaurants

**19:00 Evening**

**19:00 – 21:00**

**Wednesday July 27, 2016**

**REGISTRATION DESK OPEN 07:45 – 18:00 (Lobby, Maths 100)**

**07:15 to 08:15 ISSS Roundtable Discussion (Treehouse Room, C4C Dining Room)**

**08:30 Plenary Session (Maths 100 Lecture Theatre)**

**08:30**

**10:15 – 10:30 Tea/Coffee (Maths 100 Courtyard)**

**11:45**

**12:15 Lunch (C4C Cafeteria)**

**Paper Sessions 13:30 – 15:00**

<b>Engineering Room ECCR151</b>	<b>Engineering Room ECCR200</b>	<b>Engineering Room ECCR245</b>	<b>Engineering Room ECCR265</b>	<b>Engineering Room ECCR 1B51</b>	<b>Engineering Room ECCR 1B55</b>	<b>Benson 180</b>

<b>Workshop 2937</b> <b>Day V: Topic(s) 10</b>  System Literacy and Systemic Innovation for Thrivable Future <i>Laszlo, Alexander; Karobeg, Dino; Luksha, Pavel</i>	<b>Multi-Cultural Panel</b> <b>Surel/Gupta</b>	<b>WORKSHOP Proposal 2783</b> <b>Day III, V: Topic(s) 6, 9</b> Outdoor Adolescent Rites of Passages: Theoretical Foundations, Contemporary Shortcomings, and the Emerging New Model <i>Dooley-Feldman, Eric Adam</i>	<b>Workshop Proposal 2738</b> <b>Day I: Topic(s) 2</b> Developing Capability using a Maturity Profile for Action Research: An International Collaboration <i>Sankaran, Shankar; Rowe, Wendy; Cady, Phil</i>	<b>Workshop 2949</b> <b>Day IV: Topic(s) 8</b> <b>WEDNESDAY</b> Wednesday all afternoon Anticipatory Systems and Gender Dysphoria <i>Rosen, Judith; Rosen, Donna</i>	<b>Workshop 2905</b> <b>Day I, III: Topic(s) 2, 6</b> System Wholeness and Unity In Diversity within ISSS <i>Leung Wong, Thomas Sui</i>	<b>POLICY SUMMIT</b> <b>Kineman/Sperry</b>
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**15:00 Tea/Coffee (Engineering Lobby) – Poster Viewing in Engineering Lobby**

<b>Paper Sessions 15:30 – 17:00</b>						
<b>Engineering Room ECCR151</b>	<b>Engineering Room ECCR200</b>	<b>Engineering Room ECCR245</b>	<b>Engineering Room ECCR265</b>	<b>Engineering Room ECCR 1B51</b>	<b>Engineering Room ECCR 1B55</b>	<b>Benson 180</b>
<b>WORKSHOP</b>	<b>WORKSHOP</b>	<b>WORKSHOP</b>	<b>WORKSHOP</b>	<b>WORKSHOP</b>	<b>WORKSHOP</b>	<b>DISCUSSION</b>

<p><b>Workshop 2946</b>  <b>Day V: Topic(s) 10</b>  <b>WEDNESDAY</b>  CET SIG Workshop: Collaboration for Impact 2016  <i>Grathoff, Annette; Hahn, Samuel; Karabeg, Dino ; Laszlo, Alexander ; MacVie, Leah ; Rudan, Sasha Mile ; Rudan, Sinisha</i></p>	<p><b>Multi-Cultural Panel</b>  <b>Surel/Gupta</b></p>	<p><b>Workshop Proposal 2784</b>  <b>Day V: Topic(s) 9</b>  Workshop (90 Minutes): Network Thinking and Liberating Practice for Creating Resilient, Diverse, Communities of Practice that Engage the Whole Person  <i>Best, Jim</i></p>	<p><b>Workshop Proposal 2735</b>  <b>Day IV: Topic(s) 7</b>  Designing Digital Services: Unifying Information Systems Design and Service Systems Design  <i>Kumar, Anand; Lokku, Doji Samson; Zope, Nikhil</i></p>	<p><b>Workshop 2949</b>  <b>Day IV: Topic(s) 8</b>  <b>WEDNESDAY</b>  Wednesday all afternoon  Anticipatory Systems and Gender Dysphoria  <i>Rosen, Judith; Rosen, Donna</i></p>		<p><b>POLICY SUMMIT</b>  <b>Kineman/Sperry</b></p>
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**Dinner available at C4C (17:00 to 18:30 self-pay) or nearby local restaurants**

<b>19:00 Evening</b>	
<b>19:00 – 21:00</b>	

**Thursday: July 28, 2016**

**REGISTRATION DESK OPEN 07:45 – 18:00 (Lobby, Maths 100)**

**07:15 to 08:15 ISSS Roundtable Discussion (Treehouse Room, C4C Dining Room)**

**08:30 Plenary Session (Maths 100 Lecture Theatre)**

**08:30**

**10:15 – 10:30 Tea/Coffee (Maths 100 Courtyard)**

**11:45**

**12:15 Lunch (C4C Cafeteria)**

**Paper Sessions 13:30 – 15:00**

<b>Engineering Room ECCR151</b>	<b>Engineering Room ECCR200</b>	<b>Engineering Room ECCR245</b>	<b>Engineering Room ECCR265</b>	<b>Engineering Room ECCR 1B51</b>	<b>Engineering Room ECCR 1B55</b>	<b>Benson 180</b>
<b>Critical Systems Theory and Practice</b>	<b>Organisational Transformation and Social Change</b>	<b>SABI: Dialogue in Systems Applications in Business and Industry</b>	<b>Socio-Ecological Systems</b>	<b>Human Systems Inquiry</b>	<b>Designing Educational Systems and Hierarchy Theory</b>	<b>Research Toward a General Theory of Systems WORKSHOP THURS 2880</b>



						<b>Day IV: Topic(s) 8</b> THURSDAY Prospects for a New Systemic Synthesis (Discussion) <i>David Rousseau</i>
<p><b>2748</b> <b>Day II: Topic(s) 3, 5, 10</b> Taking Advantage of Systems Thinking to Improve a STEM Project to Promote Regional Development <i>Pinzon-Salcedo, Luis A; Van den Bergue Patiño, Erika ; Castaño-Herrera, Angélica María</i></p> <p><b>2755</b> <b>Day I, IV: Topic(s) 2, 7</b> Developing a Systemic Framework for Evaluation Models and their Applications <i>Torres, Maria Alejandra</i></p> <p><b>2799 (2799)</b> <b>Day I, IV: Topic(s) 1, 8</b></p>	<p><b>2810</b> <b>Day I, V: Topic(s) 1, 2, 10</b> Design for Social Innovation: Integrating the Theory and Practice of Action Research and Participatory Design for Organizational and Social Impact <i>Laszlo, Kathia Castro; Schultz, Amelia B.</i></p> <p><b>2812 (2850)</b> <b>Day 1, IV: Topic(s) 1, 7</b> Proposing Values and Practices for a Culture of Organizational Ingenuity: Hacking Systems Thinking to Pursue the Preposterous and Produce the Impossible <i>Rosencrans, Kendra</i></p>	<p><b>2839 (2915)</b> <b>Day IV: Topic(s) 7</b> Toward a Diagnosis of Viability of Small Manufacturing Enterprises. Case: Metal Mechanic Industry <i>Salinas-Reyes, Marcos ; Badillo-Piña, Isaias; Tejeida-Padilla, Ricardo</i></p> <p><b>2841 (2914)</b> <b>Day IV: Topic(s) 7</b> A Systemic Approach of the Technological Innovation Process in Mexico <i>García-Jarquín, Brenda; Delgado-Rodríguez, Alfredo; Aguilar-Fernandez, Mario; Morales-Matamoros, Oswaldo; Badillo-Piña, Isaias; Briones-Juarez, Abraham; Sistos-Mendoza,</i></p>	<p><b>2782</b> <b>Day I, III, V: Topic(s) 1, 6, 9</b> Title: Collaboframework - A Framework for Sustaining Socio-Ecological Systems through Dialogical Knowledge and Action Space <i>Rudan, Sasha Mile; Rudan, Sinisha; Karabeg, Dino</i></p> <p><b>2860</b> <b>Day I, II, IV: Topic(s) 1, 3, 7</b> Post-Normal Science V Citizen Science: An Exploration of Custom and Practice <i>Gregory, Amanda; Atkins, Jonathan Paul</i></p> <p><b>2862 (2891)</b> <b>Day I, II: Topic(s) 2, 3</b> Framing a System</p>	<p><b>2820 (2916)</b> <b>Day IV, V: Topic(s) 7, 10</b> Towards Understanding the Effects of Visual Artefacts in Problem Structuring Processes: A Boundary Games Approach <i>Velez-Castiblanco, Jorge Ivan; Londono-Correa, Diana; Naranjo, Olandy</i></p> <p><b>2826</b> <b>Day V: Topic(s) 9</b> A Study of Systems Research Design: An Examination of Systematic Methods used to Study Chinese Women's Decision to Study Abroad <i>Zou, Chen; Buckle, Pamela; Edson, Mary; Wilby, Jennifer</i></p>	<p><b>2870</b> <b>Day V: Topic(s) 10</b> Transforming to Sustainable Futures: Learning From 45 Years of Systems Thinking In Practice Pedagogy <i>Chris Blackmore, ; Ray Ison</i></p> <p><b>2920</b> <b>Day I: Topic(s) 1, 2</b> Mapping the Macro-Level for Interdisciplinary Decision Making - A Visual Framework and Method <i>Hieronymi, Andreas</i></p> <p><b>2766</b> <b>Day V: Topic(s) 10</b> Agency and Causal Factors in Social Systems: Toward Heightened Learning, Performance, and</p>	

<p>The Thinking Space: the Enactment of a Platform for Critical Systems Practice</p> <p><i>Ortegon M, Maria C; De La Torre, Alvaro Carrizosa</i></p>	<p><b>2815</b> <b>Day I, V: Topic(s) 1, 2, 9</b> Toxic Leadership in Context</p> <p><i>Daniels, Teresa; Metcalf, Gary</i></p>	<p><i>David; Nuñez-Ríos, Juan Enrique</i></p> <p><b>2827</b> <b>Day IV: Topic(s) 8</b> Homeostats, Recursions and Time Scales: A Viable System Model Enquiry</p> <p><i>Leonard, Allenna</i></p>	<p><i>Fable, Ioven s</i></p>	<p><b>2851 (2907)</b> <b>Day I, V: Topic(s) 2, 9</b> A Theoretical Framework to Capture Stakeholder's Perspectives for the Design of Collaborative Communication Structures for Specialized Organizations</p> <p><i>Chongvilaiwan, Tanida; Calvo-Amodio, Javier</i></p>	<p>Connection in our Schools and Workplaces</p> <p><i>Gabriele, Susan Farr</i></p>	
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**15:00 Tea/Coffee (Engineering Lobby) – Poster Viewing in Engineering Lobby**

<b>Paper Sessions 15:30 – 17:00</b>						
<b>Engineering Room ECCR151</b>	<b>Engineering Room ECCR200</b>	<b>Engineering Room ECCR245</b>	<b>Engineering Room ECCR265</b>	<b>Engineering Room ECCR 1B51</b>	<b>Engineering Room ECCR 1B55</b>	<b>Benson 180</b>
Translational Systems Science	Organisational Transformation and Social Change	SKYPE PRESENTATIONS	Socio-Ecological Systems	Human Systems Inquiry		

<p><b>2811</b> <b>Day V: Topic(s) 10</b> Curriculum Making for TRITO Learning: Wayfaring into a Meshwork of Systems Thinking <i>Ing, David; Nousala, Susu</i></p> <p><b>2856</b> <b>Day I, III: Topic(s) 2, 5</b> Anticipatory Factors in Dialogic Design: Systemic Design Theory and Practice for Collaborative Foresight <i>Jones, Peter</i></p>	<p><b>2753 (2938)</b> <b>Day I, II: Topic(s) 1, 2, 3</b> Creating Enduring Social Impact: A Model for Multi-Sector Transformational Change <i>Jacobs, Marty</i></p> <p><b>2781</b> <b>Day I, V: Topic(s) 1, 9</b> THURSDAY SECOND HALF Transformative Learning Networks <i>Goldstein, Bruce Evan; Risien, Julie; Osbourne-Gowey, Jeremiah; Frankel-Goldwater, Lee; Chase, Sarah Schweizer Claire</i></p> <p><b>2786</b> <b>Day I: Topic(s) 1</b> Opportunity Tension at the Center of Sustainable Organization: Positive Organizational Scholarship and Generative Emergence</p>	<p><b>Systems Engineering</b> <b>2876</b> <b>Day IV: Topic(s) 7</b> SKYPE Ethics for Cybersystems <i>Paola Di Maio</i></p> <p><b>Research Toward a General Theory of Systems</b> <b>2922 (2923)</b> <b>Day I: Topic(s) 2,</b> Perhaps SKYPE The General Theory of Metadynamics Systemicity: Part 6: Neighbourhood and the 4d Neighbouring of Things <i>Blanc, Jean Jacques</i></p> <p><b>Action Research</b> <b>2883</b> <b>Day I, II, IV: Topic(s) 2, 3, 8</b> Returning to Nature, Co-Operative In Mind by Viable System Model <i>Gamero, Claudio; Acevedo Almonacid, Hector Ricardo</i></p>	<p><b>2878</b> <b>Day II, IV: Topic(s) 3, 7</b> Systems Models of the Social Ecology of Traffic Safety to Analyze the Effectiveness of Interventions <i>Amber D. Elkins, ; Eva M. Shipp, ; Dennis M. Gorman, ; Mark A. Lawley</i></p> <p><b>2918</b> <b>Day I,II, IV: Topic(s) 2, 3, 8</b> The Need for a General Systems Transdisciplinarity to Solve Serious Systemic Challenges facing Present-Day Socio-Ecological and Socio-Technological Systems <i>Blachfellner, Stefan F.</i></p> <p><b>2953</b> <b>Day I: Topic(s) 2</b> The Future of Scientific Probing and Social Being: Quantum Computation, Artificial Intelligence, and Consciousness <i>Popovich, Mila</i></p>	<p><b>2885</b> <b>Day I: Topic(s) 1</b> Thinking and Acting Systematically about the Anthropocene <i>Shim(Sim), Yeon-Soo(Youn-Soo)</i></p> <p><b>2901 (2901)</b> <b>Day II: Topic(s) 3</b> Resilience and Ecological Citizenship in Socio-Ecological Systems <i>Shim, Min-Hu</i></p> <p><b>2902 (2902)</b> <b>Day II: Topic(s) 3</b> On the Domesticated Bodies of North Korean Residents <i>Shim, Jingon</i></p>		
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	<i>Best, Jim</i>	<b>Organisational Transformation and Social Change</b> <b>2747</b> <b>Day II: Topic(s) 3</b> Permanent Designing as a Way to Socio-Technical Systems Sustainability Achieving <i>Sazonov, Boris;</i> <i>Korolev, Anton;</i> <i>Kozevnikov, Dmitry</i>				
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**Dinner available at C4C (17:00 to 18:30 self-pay) or nearby local restaurants**

<b>19:00 Evening</b>	
<b>19:00 – 21:00</b>	

**Friday: July 29, 2016**

**REGISTRATION DESK OPEN 07:45 – 18:00 (Lobby, Maths 100)**

**07:15 to 08:15 ISSS Roundtable Discussion (Treehouse Room, C4C Dining Room)**

**08:30 Plenary Session (Maths 100 Lecture Theatre)**

**08:30**

**10:15 – 10:30 Tea/Coffee (Maths 100 Courtyard)**

**11:45**

**12:15 Lunch (C4C Cafeteria)**

**08:30 Plenary Session (Maths 100 Lecture Theatre)**

**08:30**

**10:15 – 10:30 Tea/Coffee (Maths 100 Courtyard)**

10:30	
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**12:15 Lunch (C4C Cafeteria)**

**13:30 Plenary Session (Maths 100 Lecture Theatre)**

13:30	
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**15:00 – 15:30 Tea/Coffee (Maths 100 Courtyard)**

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**Saturday: July 30, 2016**

**NO REGISTRATION DESK**

**09:00 – 12:00 Planning for 2017 Session (Maths 100 Lecture Theatre)**

09:00	
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**12:00 Close of Conference**





