

36th International Conference of the System Dynamics Society, Reykjavík, Iceland

August 6-10, 2018

Tentative Schedule updated: July 06, 2018

Monday, August 6

Start	End	Monday, August 6 - Session Topic	Chairs and Presenters	Location Volunteer
09:00	18:00	Monday Registration, Information Desk and Ribbon Table - All Day		HT-200
09:30	09:50	Welcome to the System Dynamics Colloquium in Iceland	Martina Curran, Erika Palmer	HT-102
09:50	10:00	ING Talk		HT-102
10:00	10:30	Morning Plenary with Discussant		HT-102
		<i>GROUP MODEL BUILDING FOR SOCIO-ECOLOGICAL RESILIENCE ANALYSIS: A CASE STUDY FROM IKEL WATERSHED IN THE REPUBLIC OF MOLDOVA</i>	Natalia Ciobanu, Ali Kerem Saysel	
10:30	11:00	Ice Breaker	Martina Curran, Erika Palmer	HT-102
10:30	17:00	Meeting 3430: Policy Council Meeting	Ignacio Martinez-Moyano	HT-101
11:00	11:15	Morning Refreshment Break	Martina Curran, Erika Palmer	HT-102
11:15	12:30	Open Space		HT-102
12:30	14:30	Lunch Break		HT-200
12:30	14:30	Meeting 4422: Volunteers Meeting -- All volunteers please attend this meeting	Babak Bahaddin	HT-334
13:30	14:00	Afternoon Plenary with Discussant	Martina Curran, Erika Palmer	HT-102
		<i>Assessing the Effectiveness of Systems Thinking and the Individual Learner: Improve Understanding of Socio-Ecological System Complexity</i>	Jennifer Johnson	
14:00	15:30	World Café (plus Refreshment Break)	Martina Curran, Erika Palmer	HT-102
15:30	15:55	Colloquium Keynote Address		HT-102
15:55	16:00	Meeting 5089: Group Photo		HT-102
16:00	18:00	Poster and Networking Session		Blue White Hallway (BWH)
		<i>Energy Transition Dynamics</i>	Larry Gottschamer, Qiong Zhang	
		<i>Global Oil Exchange and Volatilities in Policy and Market Dynamics: A System Dynamics Analysis</i>	Madhu Madhavi	
		<i>Understanding adoption of food innovations: The case of insect-based products in the Netherlands</i>	Andrijana Horvat, Vincenzo Fogliano, Pieternel Luning	

<i>A Tale of Two Managers: exhibiting a dynamic interpretation of mental models</i>	Jonathan Nichols, Anaely Aguiar Rodriguez, Birgit Kopainsky
<i>First notions of reinforcing feedback loops on the detection trap: staff shortage and attacker behaviour growth in detection dynamics</i>	Andres Montellano Zuna, Sander Zeijlemaker
<i>A System Dynamics Approach for the Design of Alternative Jet Fuel and Co-Products Supply Chains in the Pacific Northwest</i>	Lina Martinez
<i>Energy Efficiency and Conservation Dynamics: Effectiveness of Efficiency Campaigns on a Dynamic Population</i>	Athar Kamal
<i>Is 'rural employment guarantee' effective in providing sustainable livelihood? An Analysis using a System Dynamic Model</i>	Nitin Lokhande
<i>Low carbon mobility: a promotion on a climate change adaptation of tourism destination in Thailand</i>	Amphai Wejwithan
<i>Dealing with the backlog of report requests: a case study of a local health care provider</i>	Ekaterina Durova, Arielle Selya, David Wheat
<i>Sustainable Energy Supply in Rural Arctic Areas - A system dynamics analysis of potential resources, technology and policies with the objective of developing a framework for selection of an optimal energy system</i>	Magnus de Witt, Hlynur Stefánsson, Ágúst Valfells
<i>Framework for Designing an Online Interactive Learning Environment for Complex Dynamic Systems</i>	Aklilu Tilahun Tadesse
<i>"Advancing dynamic governance of business models and public policy" - Transition management of the swiss construction industry</i>	Daniel Kliem, Alexander Scheidegger
<i>Exploring system interactions to understand the causes of homelessness and its perpetuation in Victoria, Australia</i>	George Hatvani
<i>Dynamics Among Factors Influencing the Cloud Computing Adoption: Evidences from ICT firms in India</i>	Mahak Sharma, ruchita gupta, Padmanav Acharya
<i>DYNAMICS OF CHANGE – THE TRANSITION TO A BIO-BASED ECONOMY IN THE NORRKÖPING REGION</i>	Therese Bennich
<i>System Dynamics Modeling of Sustainable Smart Tourism Ecosystems: The Case of Smart Algarve</i>	Pooyan Sedarati, Francisco Serra
<i>Inter-city Connectivity and Labour and Capital Market Dynamics</i>	David Pierce
<i>Geothermal resource dynamics and their implications for energy system development</i>	Nathalie Spittler
<i>Public Value Through Open Data Innovation</i>	Leonardo Ferreira de Oliveira
<i>System Dynamics Applied to Increasing and Assessing Ocean Literacy</i>	Caroline Brennan, Owen Molloy
<i>How much can employee motivation affect a company's attrition rate? Case study: small sized architecture office in Lebanon</i>	Cynthia Kreidy

	<i>Graduate courses and research: understanding the effects of the public offer of graduates courses on the innovative potential of Brazilian companies</i>	Roberto Protil, Mateus Morais, Magnus Emmendoerfer
	<i>The Effect of Predisposing Factors on Necrotic Enteritis in Broilers</i>	YuBin Chou, Robert Wills, Danny Magee, Chinling Wang, Randall Singer, Karen Galarneau
	<i>Modeling neodymium material flows in Germany with the purpose of establishing a recycling chain</i>	Meike Tilebein, Simeon Vogt
	<i>Universal Basic Income: Counterintuitive Effects in Portugal?</i>	Aliaksandr Daradzeika, Lotte Lokkers, Jonathan Nichols
	<i>Investing in Electrical Storage Technologies</i>	Maximilian Happach, Meike Tilebein
	<i>A social simulation to understand driver's conduct changes in emerging countries: Can technological interventions from pedestrians accelerate respect at permitted crossings?</i>	Jairo J. PÉREZ, Manuel Betancur
	<i>Sustainable Governance Model of Global Navigation Satellite System (GNSS) Continuously Operating Reference Station (CORS) Infrastructure</i>	Warakan Supinajaroen
	<i>The intended and unintended consequences of publishing school league tables in Ireland</i>	Kasturi Muthu Elandy
	<i>QoS within the context of Price, Profits & Market Penetration</i>	John Walubengo, Ddembe Williams, Timothy Waema
	<i>Hosts-Vectors-Parasites System Dynamics Analysis for Enhancing Malaria Control: Case Study of Accra (Ghana)</i>	Koissi Savi
19:00	20:00	Meeting 4412: Newcomer Orientation
		Leonard Malczynski
		Oddsson Ho(s)tel

Tuesday, August 7

Start	End	Tuesday, August 7 - Session Topic	Chairs and Presenters	Location Volunteer
08:30	18:30	Exhibitor Area 8:30 AM to 6:30 PM		HT-100 Exhibitor Area
08:30	18:30	Tuesday Registration, Information Desk, and Ribbon Table - All Day		HT-200
08:50	09:00	Tuesday Morning Conference Opening: Kick-off, Welcome, and Announcements	Allyson Beall King, Robert Eberlein, Jürgen Strohhecker	HT-105/102
09:00	10:30	Tuesday Morning PLENARY: Diversity and Inclusion		HT-105/102
		<i>Gender inequality in science; a dynamic model</i>	Inge Bleijenbergh, Monic Lansu, Pleun van Arensbergen	
		<i>Relationship and Sexual Violence Prevention</i>	Peter Hovmand, Jill Kuhlberg, Ke Zhou, Shih-Ying Cheng, Autumn Asher BlackDeer, Katie Chew, Sarah Pritchard, Patrick Fowler	
		<i>Implicit Bias and Sociological Outcomes</i>	Krystyna Stave	

		<i>Seeing is Believing is Doing – How to effectively reduce violence against women using modeling and simulation technologies</i>	Bjørn Tallak Bakken, Lars Thuesen, Corneliu Eftodi
		<i>The impact of local communities on school development—a case study examining expectations and inclusion on a systemic level</i>	Stefanie Hillen
09:15	10:45	Meeting 5094: Family - Guest Lounge (Social Gathering)	O-Hama
10:30	11:30	Tuesday Morning Refreshment Break	HT-100/200 Refreshment Areas
10:30	11:30	Meeting 3233: Transportation SIG Meeting	Astrid Guehnemann HT-103
10:30	11:30	Meeting 3346: Society Program Oversight Committee Meeting	Karim Chichakly, Stefano Armenia, Allyson Beall King, Birgit Kopainsky, Ignacio Martinez-Moyano, Gloria Perez Salazar HT-101
10:30	11:30	Meeting 4408: Dana Meadows Award Committee Meeting	Thomas Fiddaman HT- 300
10:30	11:30	Meeting 5122: PhD Student Colloquium Planning Meeting	Martina Curran, Erika Palmer G-102
10:30	11:30	Meeting 5124: Teaching Growth Dynamics in New Markets to Business Students	Stefan Groesser, Tim Scheffmann HT-104
		<i>Teaching Growth Dynamics in New Markets to Business Students</i>	Martin Schaffernicht, Stefan Groesser
11:30	12:30	Parallel 4142: Biomedical Dynamics	HT- 300
		<i>Understanding Cancer and its Treatments A System Dynamics Model of Interacting Cell Populations</i>	Khalid Saeed, Elisabeth Ryder, Amity Manning
		<i>Modeling the Biological Mechanisms That Determine the Dynamics of Stress Response of the Human Body</i>	Gizem Aktas, Yaman Barlas
		<i>Modeling the Pharmacodynamics of Doping Drugs and Analysis of False Negative Tests</i>	Özge Sahin, Feyyaz Sentürk, Yaman Barlas, Hakan Yasarcan
11:30	12:30	Parallel 4193: Business Cases	Kim Warren HT-102
		<i>Securing Soft Landings: Strategic planning of a pilot workforce chain in response to a demand shock</i>	Henk Akkermans
		<i>OSCAM: 22 years of making better operating and support estimates of fleets of ships and aircraft for the US Navy</i>	Stephen Curram
		<i>Wind Tunneling Business Strategy</i>	Kevin Boettcher, Kim Warren
11:30	12:30	Parallel 4217: Transportation	Astrid Guehnemann HT-103
		<i>The Effect of Autonomous Vehicles on Demand for Driving: Is Pooling the Solution to Avoiding Traffic Gridlock?</i>	Sergey Naumov, David Keith, Charles Fine

		<i>INFLUENCE OF POLICY INTERVENTION ON THE APPS-BASED TRANSPORTATION ECOSYSTEM TO THE TRAFFIC CONGESTION LEVEL: A SIMULATION STUDY IN JAKARTA</i>	Iqbal Yulizar Mukti, Arry Hutomo, Mohd Haizam Mohd Saudi, Obsatar Sinaga
		<i>A comparative, simulation supported study on the diffusion of battery electric vehicles in Norway and Sweden</i>	Ginevra Testa, Bent Erik Bakken
11:30	12:30	Parallel 4267: Business Strategy	G-102
		<i>Strategy for Launching Data-Intensive Services: A Tipping Point for Market Adoption</i>	Hyunjung Kim, Sarah Mostafavi, Navid Ghaffarzadegan
		<i>A Flight Simulator for Product Development and Decision-Making BOT Seeking Optimum Strategies</i>	Burak Gozluclu, John Sterman, Nelson Repenning
		<i>Strategic facilities space management modeling for better decision support</i>	Munaf Aamir, Robert Taylor, Marissa Ballantine
11:30	12:30	Parallel 4634: Uncertainty and Resilience T-W	HT-101
		<i>Impact of Delays and Noise on Strategies and Performance</i>	Hazhir Rahmandad, Shayne Gary
		<i>Expressions of Resilience in the Emergency Department</i>	J. Bradley Morrison
		<i>Uncertainty and Model Development</i>	Willem Auping, Jan Kwakkel, Erik Pruyt, Wil Thissen
11:30	12:30	WIP 4227: Energy	HT-104
		<i>REGULATORS FACING RENEWABLE TARGETS: A POLICY ANALYSIS</i>	Busra Gencer, Patricia Ochoa
		<i>Water, Food, Energy Nexus Investigation for Human Development</i>	Korinus Nixon Waimbo, Dragan Savic, Fayyaz Memon
		<i>Vision Modeling and Assessment Using System Dynamics – Application to a Sustainable Energy System Based upon Power-to-Gas</i>	Johannes Halbe, Stefan Gausling, Jan Adamowski
		<i>Exploring the Battery Market for Electric Cars</i>	Jonatan Gomez Vilchez
		<i>Cautious feed-in-tariff for promoting PV generation in the UK residential sector</i>	Monica Castaneda, Sebastián Zapata Ramirez, Isaac Dyner, Judith Cherni
		<i>Effects of the availability and consumption of energy in development dynamics of in isolated areas.</i>	Yony Fernando Ceballos, Ronald Ortiz, Julian Castillo
11:30	12:30	WIP 4232: Managing Processes and Systems	L-103
		<i>Analysis of Dynamic Strategic Evaluation Decisions</i>	Yavuz Ercil, Cigdem Baskici
		<i>System Dynamics for Predictive Asset Management - Case Study 'Bruggenmodel'</i>	Arjen Ros, Michel Kuijer, Eize Drenth
		<i>Metrorail: Getting on Track</i>	Shivraj Kanungo, Sarah Culbertson
		<i>The System Dynamics model-of-the-field used as a Tool for Strategy Implementation Design, Control and Performance Evaluation</i>	Wim Rill, Johannes Halbe
		<i>Towards Condition Based Maintenance for Electro Mechanical Components</i>	Quan Zhu, Henk Akkermans

		<i>Simulating the Water Usage at a Coal-Fired Power Station</i>	Mapule Ntsoane, Naledi Memela	
11:30	12:30	WIP 4255: Modeling Approaches for the Environment and Economy		L-102
		<i>The causal structure of the MODCAP model of a modern capitalist economy</i>	Jorgen Randers, Ulrich Goluke, Beniamino Callegari	
		<i>A reviewing tool for innovations in coastal care</i>	Michel Kuijter, Arjen Ros, Frits Dankers	
		<i>Modeling Coupled Human and Natural Systems in Banni Grassland, India, for Multi-Stakeholder Engagement and Consensus Building</i>	Mihir Mathur, Kabir Sharma, Ankila Hiremath, Abi Vanak, Nirav Mehta, Ramya Ravi, Ovee Thorat, Madhura Niphadkar, Swati Shresth	
		<i>Modeling the importance of spatial discordance in greenhouse gas emissions and climate impacts on future climate change using a coupled climate and social model</i>	Brian Beckage, Louis Gross, Katherine Lacasse, Eric Carr, Sara Metcalf, Jonathan Winter, Peter Howe, Nina Fefferman, Travis Franck, Asim Zia, Ann Kinzig, Forrest Hoffman	
11:30	12:30	WIP 4339: Computation and Understanding		HT-105
		<i>Relating Policy Differences to Behavior Differences across Family Members</i>	Scott Rockart, Shayne Gary	
		<i>Stochastic modeling: power laws and terrorism</i>	Jakub Drmola, Tomas Hubik	
		<i>Executing system dynamics models on GPU</i>	Alexey Mulyukin, Ivan Perl	
		<i>Multi-modal data approach as a new way for presentation and understanding of System Dynamics models</i>	Ivan Perl, Olga Kalyonova	
		<i>Efficient Parameter Exploration and Behavior Mapping for System Dynamics Models</i>	Berk Gorgulu, Gönenç Yucel, Mert Edali	
		<i>Application of System Dynamics for Real-time Cloud Environment Monitoring and Management</i>	Ivan Perl, Alexey Mulyukin	
11:30	12:30	Meeting 4410: Tuesday Modeling Assistance Workshop	Gary Hirsch, Rod MacDonald	G-Modeling Square
12:30	14:30	Tuesday Lunch Break and Meetings 12:30 PM to 2:30 PM (Lunchtime series meetings include: Chapter, SIG, PAW, MAW; events start every half hour.)		HT-100/200 Refreshment Areas
12:30	13:30	Meeting 3213: Peer Mentoring	Larry Gottschamer	HT-103
12:30	13:30	Meeting 3230: Model Expo		G-Modeling Square
12:30	13:30	Meeting 4415: Chapter and SIGs Representatives Meeting	Stefano Armenia, Özge Pala	HT-105
12:30	13:30	Meeting 5055: Ventana Systems, Inc. Exhibitor Demonstration and Users' Group Meeting (Vensim)	Thomas Fiddaman	HT-102
13:00	14:20	Meeting 5096: Tuesday Publishing Assistance Workshop (as individually scheduled)	Shayne Gary, George Richardson	L-103
13:30	14:30	Meeting 5007: Student Chapter Meeting	Larry Gottschamer	HT-103
13:30	14:30	Meeting 5105: Wiley	Yaman Barlas, Krystyna Stave	G-102

13:30	14:30	Meeting 5121: Jay Wright Forrester Award Committee Meeting	Erling Moxnes	HT-104
13:30	14:30	Meeting 5125: Enabling Collaborative Governance Through Systems Modeling	Carmine Bianchi, Luis Luna-Reyes, Eliot Rich	HT- 300
14:30	15:30	Parallel 4021: Teaching SD at University Level		HT-101
		<i>Using Feedback Systems Thinking and Simulation in Core Strategy Teaching</i>	Dominic Houlder, John Morecroft	
		<i>Flipping the Advanced System Dynamics classroom</i>	Jill Slinger, Floortje d'Hont	
		<i>Designing Systemic Policies: Zombies in the Classroom</i>	Camilo Olaya, Juliana Gomez-Quintero, Laura Guzman-Abello, Ivonne Natalia Hernández, Maria Alejandra Victorino Jimenez, Andrea Navarrete, Alejandro Astaiza, Juan Sebastián Guerrero Naffah	
14:30	15:30	Parallel 4134: Group Model Building		HT-102
		<i>The power of group model building; a micro level analysis of social interaction during group model building</i>	Pleun van Arensbergen, Monic Lansu, Inge Bleijenbergh, Etiënne Rouwette	
		<i>Local Cooperation, Local Prosperity: Insights of Participatory System Dynamics Modeling within a Degrowth Community</i>	Sebastiaan Deuten, Giovanni Cunico, I-Chun Huang	
		<i>What is the status of a boundary object when filtered through multiple layers of translation?</i>	Ellis Ballard, Pratiti Priyadarshini, Kelsey Werner	
14:30	15:30	Parallel 4175: Monetary Economics		L-103
		<i>Modeling An EPM-token Experiment -- Accounting System Dynamics Analysis</i>	Kaoru Yamaguchi, Yokei Yamaguchi	
		<i>The Canonical New Keynesian Monetary Policy Model: A System Dynamics Translation</i>	David Wheat, Marianna Oliskevych	
		<i>Modeling Credit Creation and Monetary Transmission Mechanism via Money Market Rate - Initial Implications on Stabilization Policy</i>	Yokei Yamaguchi	
14:30	15:30	Parallel 4236: The Heart of Modeling		HT-105
		<i>Modeling is dead; Long live Modeling: regime change in model construction</i>	Leonard Malczynski	
		<i>Circumscribing system dynamics modeling and building confidence in models A personal perspective</i>	Khalid Saeed	
		<i>Making Mental Models of Dynamic Systems Comparable</i>	Martin Schaffernicht, Stefan Groesser	
14:30	15:30	Parallel 4242: Resource and Waste Dynamics		HT-104
		<i>INTEGRATING LIFE CYCLE ANALYSIS INTO SYSTEM DYNAMICS: THE CASE OF STEEL IN EUROPE</i>	Julian Torres, Harald Ulrik Sverdrup, Arnaud Diemer	

		<i>Dynamics of change – the transition to a bio-based economy in the Norrköping region</i>	Therese Bennich
		<i>Synergy in the Urban Solid Waste Management System in Malolos City, Philippines</i>	Marion Micah Tinio, Tolentino Moya, Analiza Rollon
14:30	15:30	WIP 4188: Security, Stability and Migration	G-102
		<i>Migration Models for Policymakers</i>	Erik Pruyt
		<i>Dynamics of Migration: Population Growth, Food Security, and Water Resource Management in the Nile River Basin</i>	Bruce Keith, Mary Keith
		<i>The impact of migration on the economic stability in Ukraine</i>	Alina Novik, Iryna Lukianenko
		<i>A Spatio-temporal Industry Dynamic Simulation of Taoyuan Aerotropolis in Taiwan</i>	Oliver Shyr, Simon Shepherd, Kaida Chen, Pengbo Li, Han-Liang Lin, Hsaioting Wang, Yanciao Sie, Weihsuan Lo, Xiaoyue Wang, Chun Man
		<i>Loopy for Analysts: A Systems Thinking Tool for Intelligence Analysts</i>	Chris Glazner, Sarah Beebe, Mark Zimmermann, Evan Elsaesser, Daniel Chudnov
		<i>A Study on Combat Process Simulation and Casualty Forecasting</i>	Bo Peng, Ying Qian, Lei Xu, Liping Kuai
14:30	15:30	WIP 4226: Governance	HT-103
		<i>Collaborative Governance: A Research Agenda</i>	Eliot Rich, Carmine Bianchi, Luis Luna-Reyes
		<i>Understanding Changes in Governance Systems of Banni Grassland, in India</i>	Mihir Mathur, Kabir Sharma, Ovee Thorat, Ramya Ravi, Swati Shresth, Ankila Hiremath, Abi Vanak, Nirav Mehta, Madhura Niphadkar
		<i>The Science of Laws</i>	David Schrunck, K.C. Tran
		<i>Modelling state failure in Somalia: a sustainability perspective</i>	Lize Duminy, Jonas Matheus, Monika Pichler
		<i>Why Not Tit-for-Tat: Dynamics of mutual trust</i>	Max Kleemann
		<i>DYNAMIC OF TRANSPARENCY IN OPEN GOVERNMENT DATA ECOSYSTEMS</i>	Andrés Rey, Jorge Andrick Parra Valencia, Laura Cardenas
14:30	15:30	WIP 4641: Chronic Disease Care	HT- 300
		<i>Simulation Model for a Needs-Based Health Care Planning in Switzerland: the Example of Coronary Heart Disease</i>	Justus Gallati, Matthias Mueller, Eva Blozik, Corinne Chmiel, Matthias Waechter, Oliver Kessler
		<i>Mapping the dynamic complexity of chronic disease care in Singapore: using group model building in knowledge elicitation</i>	John Ansah, David Matchar, Lukas Schoenenberger
		<i>Using Causal Loop Diagrams as an Evaluation Tool: A Case Example of Collective Impact</i>	Glenn Landers, Karen Minyard, Jane Branscomb
		<i>A dynamic age-structured model for understanding long-term trends in US obesity prevalence</i>	Leah Frerichs, Ozgur Araz, Larissa Calancie, Terry Huang, Kristen Hassmiller Lich
		<i>How a Childhood Obesity Systems Model Impacted State Policy and Strategy</i>	Debra Kibbe, Emily Vall, Karen Minyard

14:30	15:30	WIP 5102: Resilience		L-102
		<i>Ecological Economic System Modelling with a Focus on Endogenous Innovation and Resilience</i>	Wayne Wakeland, TAKURO UEHARA, Yoko Nagase	
		<i>An Accessible Robust Integrative Dynamic approach for an ecosystem-based risk assessment in Small Island Developing States</i>	Oguz Sahin, Rodney Stewart, Mehdi Hafezi, Brendan Mackey	
		<i>Analysis of the Social-Ecological System of the Four Major Rivers Project and Resilience Improvement Plan with a Focus on the Ecosystem Services of the Nakdong River</i>	Kihwan Song, Jinhyung Chon, Nam Hee Choi	
		<i>Assessment of the health and resilience of coral reefs and the associated benefits to the community well-being in a changing climate</i>	Mehdi Hafezi, Oguz Sahin, Rodney Stewart	
		<i>Tourism, Transport, and Land use: A Dynamic Impact Assessment for Kaohsiung's Asia New Bay Area</i>	Oliver Shyr, Simon Shepherd, Chun Man, Han-Liang Lin, Yiya Hsu, Chien-Hung Tu, Chieh Kuo, Yao Hsu, Chung Chen, Pei Wu	
		<i>Strengthening Critical Infrastructure Resilience to Impacts of Natural Disasters: EU Circle approach</i>	Tariq Hisham	
15:30	16:30	Tuesday Afternoon Refreshment Break		HT-100/200 Refreshment Areas
15:30	16:30	Meeting 4201: Swiss Chapter Meeting	Daniel Kliem	HT-105
15:30	16:30	Meeting 4203: Economics Chapter Meeting	Daniel Arthur	HT-101
15:30	16:30	Meeting 4421: Nominating Committee Meeting	Leonard Malczynski, Shayne Gary, David Lane, Ignacio Martinez-Moyano, Etienne Rouwette, Martin Schaffernicht, Lees Stuntz	HT- 300
15:30	16:30	Meeting 5004: Iran Chapter Meeting	Babak Bahaddin	HT-104
15:30	16:30	Meeting 5005: Japan Chapter Meeting	Yutaka Takahashi	HT-102
15:30	16:30	Meeting 5008: Korea Chapter Meeting	Benjamin Chang-Kwon Chung	HT-103
15:30	16:30	Meeting 5009: Benelux System Dynamics Chapter Meeting	Jill Slinger	L-102
15:30	16:30	Meeting 5128: Brazil Chapter Meeting	Karim Chichakly	L-103
16:30	17:30	Tuesday Afternoon PLENARY: Decision Making and Understanding		HT-105/102
		<i>Moving from Mental Models to Technological Rules for Evaluating Impact</i>	Peter Hovmand, Ellis Ballard	
		<i>Valence Matters in Judgments of Stock Accumulation Over Time: An Intervention to Improve Blood Glucose Control and Other Global Problems</i>	Cleotilde Gonzalez, Nalyn Sriwattanakomen	

17:30	18:15	Tuesday Afternoon PLENARY: Conference Awards	Allyson Beall King, Robert Eberlein, Jürgen Strohhecker	HT-105/102
18:30	21:00	Poster Symposium and Light Buffet 6:30 PM to 9:00 PM		Blue White Hallway (BWH)
18:30	21:00	Poster: Business		BWH Business Posters
		<i>The low carbon transition in the UK building sector must make financial sense: a hybrid system dynamics- bottom up modelling framework</i>	George Papachristos	
		<i>Exploring the Dynamics of Market Share in High-Tech Industry -A Case study of Testing Instruments Company in Taiwan</i>	Robert Zhenping Zhang, Yin Yi Rachelle Yang	
		<i>Causal Process Models for Efficient Energy Project Consultation and Strategy Development</i>	Silvia Ulli-Beer, Daniel Hug	
		<i>A Temporal Study on the Profitability - Growth Relationship</i>	Jeff Trailer, Si Cheng	
18:30	21:00	Poster: Economics		BWH Economics Posters
		<i>On modelling the price of beef and salmon using a fully dynamic approach</i>	Anna Olafsdottir, Ingunn Gudbrandsdottir, Harald Ulrik Sverdrup, Guðrún Ólafsdóttir, Sigurður Bogason	
		<i>Regional Migration and the Service Economy</i>	Takayuki Yamashita	
		<i>Modeling and Analysis of the Competitive Behavior in Oligopolistic Dynamic Random-Access Memory Market</i>	Ipek Dursun, Gönenç Yucel	
18:30	21:00	Poster: Environment		BWH Environment Posters
		<i>Exploring the dynamics related to exporters and domestic producers competing over a scarce natural resource - water; the case of fresh tomato in Morocco</i>	Kenza Benabderrazik, Birgit Kopainsky	
		<i>Development of an asset management planning tool for integrated wastewater collection and treatment systems</i>	Hamed Mohammadifardi, Andre Unger, Mark Knight	
		<i>Circular-economy dynamics in the Danish construction industry</i>	Christian Erik Kampmann	
		<i>Different worldviews as impediments to integrated nature and cultural heritage conservation management</i>	Carl Österlin, Peter Schlyter	
		<i>Stakeholder group modelling as a participatory tool to identify and reduce barriers for co-management of multifunctional landscapes</i>	Ingrid Stjernquist, Peter Schlyter	
		<i>Participatory System Dynamics Modelling for Adaptation to Extreme Hydrological Events under Conditions of Climate Change</i>	Dmitrii Kovalevskii, Maria Manez	

		<i>Modelling and Simulation of Adaptation Measures for Flood Events on Land Use and Transportation Fields: The Case of Khon Kaen Area, Thailand</i>	Hiroki Kikuchi, Atsushi Fukuda, Noriyasu Tsumita
		<i>Development of a Recycling System Policy for Construction and Demolition Waste Materials with Applications in Libya toward Sustainable Development</i>	Itad Shiboub, Gabriel Assaf
18:30	21:00	Poster: Health	BWH Health Posters
		<i>HEALTH ISSUES DUE TO NEW IRRIGATION PRACTICES IN THE VOLTA BASIN</i>	Odilia Schölvinc, Nteniz Kalenter, Bastiaan Manintveld, Erik Pruyt
		<i>Alcohol-Impaired Driving in U.S. College Environments: Stakeholder-Based Causal Loop Analysis to Advance Policy Planning</i>	Yorghos Apostolopoulos, Kristen Hassmiller Lich, Michael Lemke, Adam Barry, Alex Russell, Jameisha Brown
		<i>Collaborative Systems Thinking to Teach Old (And Young!) Dogs New Tricks: Triggering Better Decisions to Reduce Alcohol Misuse Among College Students</i>	Yorghos Apostolopoulos, Kristen Hassmiller Lich, Michael Lemke, , Adam Barry, Alex Russell, Jameisha Brown
		<i>A simulation study to shorten a long-term care period and to reduce national medical care expenditure in Japan</i>	Nobuo Nishi, Nayu Ikeda, Takehiro Sugiyama, Kayo Kurotani, Motohiko Miyachi
		<i>The Journey Toward the Patient-Centered Medical Home: A Grounded, Dynamic Theory of Primary Care Transformation</i>	Andrada Tomoia-Cotisel
		<i>The Empowered Patient Wants Shared Decision Making – How can System Dynamics Modeling Help?</i>	Misagh Faezipour
		<i>Model-Based Risk Assessment to Clinical Risk Management Policies</i>	Mahdi Bastan, Stefan Groesser, Elaheh Zadfallah
18:30	21:00	Poster: Human Behavior	BWH Human Behavior Posters
		<i>Understanding adoption of food innovations: The case of insect-based products in the Netherlands</i>	Andrijana Horvat, Vincenzo Fogliano, Pieternel Luning
		<i>Direct Action or Social Nudge: where are the effective policy levers for helping families select secondary (high) schools?</i>	David Carter, Jonathan Moizer, Shaofeng Liu
		<i>Procrastination Dynamics: A Study of Delay Tactics and Their Implications</i>	Wang Zhao, Khaled Mohamed Soliman Gaafar
18:30	21:00	Poster: Learning and Teaching	BWH Learning and Teaching Posters
		<i>Systems thinking and systems dynamics skills inquiry in an international master's program in Sustainable Resource Management</i>	Hans Kasperidus, Peter Biber
18:30	21:00	Poster: Methodology	BWH Methodology Posters

		<i>Lessons learned in modeling processes within research projects</i>	Jose Mari Sarriegi, Marta Iturriza, Leire Labaka
		<i>Rethinking of Continuous Models with Approximate Discrete Calculations in Simulation Software</i>	Yutaka Takahashi
		<i>Analytical sociology for sociotechnical transition research: Bridging case study and system dynamics</i>	George Papachristos
		<i>Approximating Network Dynamics in the Classic Maya Collapse</i>	Pascal Gambardella, John Hayward, Erika Palmer, Dana Ilmari Polojarvi
		<i>A dynamic model of psychological fatigue in the process of low carbon home retrofit</i>	Yekatherina Bobrova, George Papachristos, Nici Zimmermann
		<i>Tackling Grand Challenges with Multi-Scale System Dynamics Modelling and Simulation</i>	Erik Pruyt, Stefan Wigman, Erin Bartholomew, Reza Hesani, Connor McMullen, Aashna Mittal, Thomas Hebbink, Shajeeshan Lingeswaran, Sandy Caskie, Gabriel Escobar, Daniel van Bilsen, Oana Garbasevschi, Xi Chen, Andreas Yunus, Mohammad Ammar Faiq, Yosira Jawata, Antonios Karampekios, Mikhail Sirenko, Ioannis Papadogeorgos, Mark Hupkens, Willem Auping
		<i>A Comparative Analysis of Alternative Designs for Automated Clustering SD Model Output</i>	Gönenç Yucel, Mert Edali
		<i>Newly-Developed Methods For System Dynamics Modeling -Grounding Simulation Model Development & Validation In Mental Data</i>	Andrada Tomoia-Cotisel
18:30	21:00	Poster: Operations	BWH Operations Posters
		<i>Project management operations and building performance in the construction industry: A multi method approach applied in a UK public office building</i>	George Papachristos, Nishesh Jain, Esfandiar Burman, Nici Zimmermann, Dejan Mumovic, Michael Davies
		<i>Effects of leakage on air heater thermal performance</i>	Lungile Ntonyane, Naledi Memela
		<i>Towards the low carbon transition in the construction industry: A multi-method framework of project management operations and total building performance</i>	George Papachristos, Esfandiar Burman, Nishesh Jain, Nici Zimmermann, Dejan Mumovic, Michael Davies
		<i>Craft Brewers Versus the Macros: Competing Supply Chain Designs in the Beer Industry</i>	Samuel Allen
		<i>Performance of the Structure in the Fresh Food Supply Chains</i>	Javier Orjuela Castro, Milton Herrera, Wilson Adarme Jaimes
18:30	21:00	Poster: Public Policy	BWH Public Policy Posters
		<i>Capability Traps Impeding Homeless Services: A Community Based System Dynamics Evaluation</i>	Katherine Marcal, Patrick Fowler, Kenneth Wright, Peter Hovmand, Saras Chung

	<i>Crime Prevention Agenda: do not expect different results while doing the same</i>	Gloria Perez Salazar, Pedro Torres Estrada, Genesis Mendoza, Estefania Bojorquez
	<i>The curse of low human development</i>	Hamilton Carvalho, José Mazzon, Joaquim Santos, Eduardo Franco
	<i>Fairnes in the Beer Distribution Game</i>	Ivan Đula, Andreas Groessler
	<i>Skills Mismatch and Information and Communications Technology Manpower Shortage in Singapore</i>	Eng Seng Chia, Jakkarin Sae-Tiew, Chi Shien Tay, Wei Xiang Tan, Aaron Lim, Jaron Chan
	<i>Exploring Feedback Theories of Redistribution with System Dynamics Isolation Models</i>	David Collste
	<i>Scaling Up Services within the Child Welfare System: Policy Insights from Simulation Modeling</i>	Patrick Fowler, Katherine Marcal, Saras Chung, Melissa Jonson-Reid, Peter Hovmand
	<i>Analysis of Korean Housing Policy Based on Policy Mechanism</i>	In-Seok Yoon, Hyun-Soo Lee, Moonseo Park
	<i>Modelling Land Use in Megacities under Deep Uncertainty: A Case of Jakarta</i>	Gurvinderpal Singh Arora, Rizky Januar
	<i>Analysis of the Dynamic Developments in the Local Lodging and Rental Housing Market in Lisbon</i>	Gian Wieck, Andres Montellano Zuna
	<i>Simulating transport and societal effects of automated vehicles</i>	Paul Pfaffenbichler, Astrid Guehnemann, Guenter Emberger, Simon Shepherd
	<i>ROADMAP FOR THE FORMULATION OF SPACE POLITICS OF A DEVELOPING COUNTRY USING SYSTEM DYNAMICS</i>	Giovanni Corredor, Luis Rabelo, Edgar Gutierrez
	<i>Understanding Feedback in the Transition to Electric Vehicles: Insights from the Markets in Norway and the Netherlands</i>	Sebastian Deuten, Jonatan Gomez Vilchez
	<i>A Conceptual Model of Real System Age</i>	James Enos, Roshanak Nilchiani
	<i>Climate Change Mitigation from Brick Industry in India</i>	Priyanka Jajal, Trupti Mishra, Chandra Venkataraman
	<i>Drawing Insights from a Small Model and Statistical Data of the US Economy</i>	Bo Hu, Pascual Cravaack, Martin Gawliczek
	<i>The Drivers of Livestock Productivity in Nigeria</i>	Kelechi Odoemena, Jeffrey Walters, Olubunmi Alawode
	<i>Framing alternative policies to achieve university mission: a case study of a Chinese regional university</i>	Robert Zhenping Zhang, Haiyan Yan, Jiayin Qi, Enzo Bivona
	<i>Comparing online with paper pencil testing mode when solving stock flow problems using different problem solving strategies</i>	Vivien Lungwitz
	<i>The merry-go-round of electrification programmes: potential pitfalls when only using electricity access as indicator for electrification</i>	Elias Hartvigsson, Fabio Riva, Emanuela Colombo, Jimmy Ehnberg
	<i>Transition to Alternative Fuel Vehicles: A Distributive Justice Perspective</i>	Wissam El Hachem, Pietro De Giovanni
18:30	21:00	Poster: Resources
		BWH Resources Posters

		<i>Dynamics of global Dairy Sector: model evaluation and new calibrations using FAOSTAT data.</i>	Alberto Stanislao Atzori, Luis Tedeschi
		<i>Sustainability of surplus food redistribution systems</i>	Aliaksandr Daradzeika, Nuno Videira, Krystyna Stave
		<i>Modeling neodymium material flows in Germany with the purpose of establishing a recycling chain</i>	Simeon Vogt, Meike Tilebein
		<i>Meat or vegetarian? - A model-based analysis of the global diet change dynamics</i>	Sibel Eker
		THE DYNAMICS OF FOOD WASTE IN RELATION TO CONSUMPTION, PRODUCTION, AND SHOPPING PATTERNS	Elif Cansu Akoguz, Nefel Tellioglu, Yaman Barlas
		<i>Integrating flood safety simulation and policy beliefs</i>	Raphael Klein, Jill Slinger
		<i>Analysis of China's Oil Supply, Demand, and Foreign Dependence</i>	Lin Cai
		<i>Investing in Electrical Storage Technologies</i>	Maximilian Happach, Meike Tilebein
		<i>Testing Development Roadmaps: Portugal's Crescimento Verde</i>	Alec Eckert, Amanda Karapici
18:30	21:00	Poster: Security	BWH Security Posters
		<i>Modelling a climate-related causal story on the emergence of the Darfur War in Sudan</i>	Igor Oliveira
		<i>Robustness Estimation of the Seismic-Damaged Electric Power System in the Context of Failure Propagation</i>	Seulbi Lee, Moonseo Park, Hyun-Soo Lee
		<i>Resolving the Sageman-Hoffman Debate on Terrorist Radicalization</i>	Timothy Clancy
18:30	21:00	Poster: Stakeholder Engagement	BWH Stakeholder Engagement Posters
		<i>Stakeholder Interaction Theory: Merging Goal Mapping, Stakeholder Analysis, and Feedback Mapping</i>	George Richardson, David Andersen, Colin Eden, Fran Ackermann
18:30	21:00	Poster: Strategy	BWH Strategy Posters
		DRIVERS IMPACTING BATTERY ELECTRIC VEHICLE MONTHLY REPAYMENTS	Nalini Sooknanan Pillay, Josephine Musango, Alan Brent
		<i>Analyzing the effects of awareness in the city resilience building process</i>	Marta Iturriza, Leire Labaka, Jose Mari Sarriegi
		<i>The Dynamics of Related Acquisitions; Downsizing Magnitude, Timing, and Employee Engagement</i>	Vincent de Gooyert, Rick Aalbers, Andreas Groessler
		<i>A system dynamics model to investigate the effect of mismanagement on Iran's oil and gas projects: A case study of South Pars field</i>	Mehdi Moghadam Manesh, Gholamreza Eslamifar
		<i>Improving decision making for strategic production planning in markets with high dynamics and complexity by combining system dynamics and multi-criteria decision making</i>	Tim Hettesheimer

	<i>A new insecure-secure diffusion archetype to model complex anthropocentric systems</i>	David Zelinka, Bernard Amadei
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Wednesday, August 8

Start	End	Wednesday, August 8 - Session Topic	Chairs and Presenters	Location Volunteer
08:30	18:30	Exhibitor Area 8:30 AM to 6:30 PM		HT-100 Exhibitor Area
08:30	18:30	Wednesday Registration and Information Desk - All Day		HT-200
08:50	09:00	Wednesday Morning Announcements		Háskólabíó
09:00	10:30	Wednesday Morning PLENARY: Changing People to Save the Planet		Háskólabíó
		<i>Lessons from seven attempts at "saving the world"</i>	Jorgen Randers	
		<i>Systems thinking and collective learning: Reflections from three decades in the field</i>	Peter Senge	
10:30	11:30	Wednesday Morning Refreshment Break		HT-100/200 Refreshment Areas
11:30	12:30	Feedback 4235: Modeling Human Attitudes and Decision Making		L-102
		<i>Stress Dynamics- A Psychological Study in Police Officers</i>	Vishnu K V, Sabu K, D. Bijulal	
		<i>Participatory System Dynamics Simulation Modeling to Improve the Operations of Radiotherapy Department of a Public National Referral Hospital in Kenya</i>	Lucy Kivuti-Bitok, Ddembe Williams, Richard Kikwai, Abiodun Suleiman Momodu	
		<i>Modeling social change: A tribute to Jorgen Randers</i>	Hamilton Carvalho, José Mazzon, Joaquim Santos, Eduardo Franco	
		<i>EXPLORING THE EFFECTS OF MASS DISSEMINATION OF PERFORMANCE DATA: THE CASE OF SCHOOL PERFORMANCE TABLES</i>	Kasturi Muthu Elandy	
		<i>Modeling of Beliefs-Attitudes-Behavior</i>	Krishnan Raman	
		<i>The Feedback Loop Delay Analysis of Socio-Economic System Based on Stock & Flow In-Tree Modeling and Simulation</i>	Ren'an Jia, Chang Liu, Xiaojing Jia, Qin Zhu, Feng Lei	
11:30	12:30	Feedback 5097: Designing Sustainable FEW Policies		HT-101
		<i>Dynamics of Taxation on Fuels</i>	Patricia Cafe, Ricardo Matos Chaim	
		<i>Backcasting towards Sustainable energy Delivery - Avoiding Unintended Consequences</i>	Hafiz Bello	

		<i>Enhancing Affordability Outcomes for Low Income Households Through Green Building Policy in Australia: An Integrated System Thinking Approach</i>	Stefen MacAskill
		<i>Simulating the efficient diffusion of photovoltaics: an urban metabolism approach</i>	Diego Rúa, Monica Castaneda, Isaac Dyner
		<i>Development of a Shared Vision Planning Model for Participants' Consensus: Application in South Chungcheong Province, South Korea</i>	Gi Joo Kim, Seo Hyung Choi, Seung Beom Seo, Young-Oh Kim
		<i>Modelling Impacts of Climate Change Risks and Adaptation Responses in Oil Refineries in India</i>	, Mihir Mathur, Adithya Subramanian
11:30	12:30	Feedback 5098: Business Applications	HT-102
		<i>The impact of customer knowledge on corporation performance</i>	Danial Bidgoli, Mohammad Owlia, Mohammad Taghi Isaei, Mohammad Hosein Abooi, Alireza Akhavan
		<i>CSFs for Cost Performance Diagnostics Model in the Nigeria Construction Industry</i>	Wasiu Bello
		<i>A business ecosystem modelling for a socio-technical R&D project</i>	Nobuaki Minato
		<i>System dynamics modeling of Locomotive's supply chain networks–Iranian Railways</i>	Mojdeh Mansouri
		<i>Mitigating skilled labour shortage challenges in Construction industry in South Africa</i>	Olatunji Aiyetan, Dillip Das
		<i>Financial Analysis based on Balanced Scorecard via System Dynamics: In a Telecommunication Company</i>	Maryam Ebrahimi, Esmail Mostafavi
11:30	12:30	Feedback 5099: Model Building Processes and Innovation	HT-103
		<i>Robust Stability Measures in Ecology via Pseudospectra</i>	Dragana Cvetkovic, Ljiljana Cvetkovic, Vladimir Kostic
		<i>Computational Simulation for Software Engineering Requirements Definition - the case of arboviruses dynamics in Brazil</i>	Ricardo Matos Chaim, Jorge Henrique Fernandes, Jonas Carvalho, Bruno Carvalho, Janaina Sallas, Ana Luisa Oliveira da Nóbrega Costa
		<i>Bridging technical, ecological and social knowledge in systems design</i>	Johannes Halbe, Jan Adamowski
		<i>Strategic Dynamic Thinking to Manage Public Order in Colombia: A Framework to Improve Post-Conflict's Security</i>	Jorge Andrick Parra Valencia, Adriana Rocío Lizcano Dallos, Eliecer Pineda Ballesteros
		<i>Learning lab for the management of invasive species, using Stella Architect</i>	Pedro Dagoberto Almaguer Prado, Ramiro Luis Almaguer Navarro
		<i>Mechanism for Promoting Motivation, Confidence and Autonomy Through Synchronic Communication Sessions in Virtual Learning Environments</i>	Jorge Andrick Parra Valencia, Adriana Rocío Lizcano Dallos, Eliecer Pineda Ballesteros
11:30	12:30	Feedback 5101: Towards Robust Supply Chain Modeling	L-103

		<i>Empirical Investigation of Bullwhip Effect with Sensitivity Analysis in Supply Chain</i>	Shoaib Yousaf
		<i>Spreadsheets: information technologies to overcome perception delays in a dairy sheep supply chain</i>	Alberto Stanislao Atzori, Giuseppe Pulina
		<i>Moving toward a dynamic theory of sustainable supply chain management</i>	Samuel Allen
		<i>From a Focused Literature Review to a Revised Conceptual Framework for Sustainable Supply Chain Management: the Contribution of System Dynamics Studies of the Automotive Industry</i>	Samuel Allen
		<i>Milk production optimization in an industrial ranch using system dynamics approach</i>	Nasser Shahsavari-Pour, Sajjad Rahimi-Ashjerdi, Mojtaba Kazemi
		<i>Associativity and Risk Attitude in Cundinamarca-Colombia Dairy Farmers Conditions</i>	Luz-Angélica Rodriguez
11:30	12:30	WIP 4245: The Value of Data	HT-105
		<i>Public Value Through Open Data Innovation</i>	Leonardo Ferreira de Oliveira, Carlos Denner dos Santos Júnior
		<i>Grounding Simulations on Firm-Level Data Sets - An extended approach for evidence-based policy design</i>	Christian Lerch, Cornelius Moll, Angela Jäger, Tim Hettesheimer, Djerdj Horvat
		<i>ESTIMATING CAUSAL RELATIONS OF DYNAMIC MODELS FROM REAL-LIFE DATA</i>	Nefel Tellioglu, Yaman Barlas
		<i>ARRAYS AND LARGE DATA SETS – A SKILLS AND RESOURCES CASE STUDY</i>	Danie Booyens, Naledi Memela
11:30	12:30	WIP 4246: Renewable Resources Management	HT-104
		<i>The case of Arctic char land based aquaculture production in Iceland</i>	Ingunn Gudbrandsdottir, Guðrún Ólafsdóttir, Anna Olafsdottir, Harald Ulrik Sverdrup, Sigurður Bogason
		<i>Sequential exploitation, macro and micro-drivers of global fisheries expansion</i>	Maartje Oostdijk
		<i>Investigating the dynamics of animal production – the case of small holders in the Czech Republic</i>	Igor Krejci, Jana Poláková, Pavel Moulis
		<i>Modeling Andean bear livestock depredation, local risk perception and tolerance in northern Ecuador</i>	Andy Lee, Benjamin Zukowski
		<i>Modelling Dynamics of Prosopis juliflora in Banni, India, using a Land-Biomass Simulation Model</i>	Kabir Sharma, Mihir Mathur, Ankila Hiremath, Abi Vanak, Nirav Mehta, Madhura Niphadkar, Ovee Thorat, Ramya Ravi, Swati Shresth
		<i>Exploring the System-wide Impacts of Supply Risk in the Biofuel Supply Chain: A Comparative Analysis</i>	Devita Amal, Steven Hodges, Erin Webb, Alejandro Salado

11:30	12:30	Meeting 4409: Wednesday Modeling Assistance Workshop (by appointment only)	Rod MacDonald	G-Modeling Square
12:30	14:30	Wednesday Lunch Break and Meetings 12:30 PM to 2:30 PM		HT-100/200 Refreshment Areas
12:30	13:30	Meeting 2923: Olga Poletaeva, European Master in System Dynamics (Thesis Defense)	Birgit Kopainsky	G-102
12:30	13:30	Meeting 3432: Asset Dynamics SIG Meeting	Michel Kuijer, Arjen Ros	HT- 300
12:30	13:30	Meeting 5134: Getting to Know the System Dynamics Society	Leonard Malczynski	G-102
12:30	13:30	Meeting 4204: Environmental SIG Meeting	Jennifer Johnson, Angelika Schanda	L-102
12:30	13:30	Meeting 4416: Applications Award Committee Meeting	J. Bradley Morrison	HT-102
12:30	13:30	Meeting 4419: Publications Committee Meeting	Krystyna Stave, George Backus, Susan Howick, Sara Metcalf	HT-101
12:30	13:30	Meeting 4420: Strategy Development Committee Meeting - All Interested Members Are Invited	Ignacio Martinez-Moyano, Elke Husemann, Leonard Malczynski, Martin Schaffernicht, Burcu Tan, Kim Warren	HT-104
12:30	13:30	Meeting 5056: isee systems Exhibitor Demonstration and Users' Group Meeting (Stella and ithink)	Karim Chichakly	HT-103
13:00	14:20	Meeting 5126: Wednesday Publishing Assistance Workshop (as individually scheduled)	Shayne Gary, George Richardson	L-103
13:30	14:00	Meeting 3232: Copernicos Group Exhibitor Demonstration	Michel Kuijer, Arjen Ros	HT- 300
13:30	14:00	Meeting 5133: Anylogic Exhibitor Demonstration and Users' Group Meeting		HT-101
13:30	14:30	Meeting 5054: Forio Online Simulations Exhibitor Demonstration and Users' Group Meeting	Michael Bean	HT-104
13:30	14:30	Meeting 3433: Health Policy Special Interest Group Business Meeting	Douglas McKelvie	L-102
13:30	14:30	Meeting 4341: Young Modelers	Angelika Schanda	HT-103
13:30	14:30	Meeting 4418: Past Presidents' Meeting	Robert Eberlein	HT-105
14:30	15:30	Parallel 4207: Healthcare Operations		L-103
		<i>Emergency Department Crowding in Singapore: Ways to Restore the Balance between Demand for and Supply of Emergency Medicine</i>	Lukas Schoenenberger, John Ansah, David Matchar, Salman Ahmad	
		<i>Competing for scarce resources during humanitarian emergencies</i>	Paulo Goncalves	
		<i>Policy Analysis of Material Convergence Challenges During Disasters</i>	Raquel Froese Buzogany, Paulo Goncalves, Hugo Yoshida Yoshizaki	
14:30	15:30	Parallel 4218: Urban Issues		HT-103

		<i>A System Dynamics Model for Developing Small Towns with Characteristic Features</i>	Ying Qian, Fang Yu, Bo Hu
		<i>London's Housing Crisis - A perspective based on the role of financial markets and the UK's economic growth model</i>	Kaveh Dianati, Nici Zimmermann, Michael Davies
		<i>Exploring the potential of development of Information Technology industry in a South African city</i>	Dillip Das, Debasish Sahu
14:30	15:30	Parallel 4336: Understanding Model Behavior	HT-105
		<i>Analysis of dynamic models by optimization</i>	Erling Moxnes, Sergey Naumov
		<i>Refinements on Structural Dominance Analysis: Interpretation of parameter elasticities</i>	Sergey Naumov, Rogelio Oliva
		<i>Understanding Model Behavior Using Loops That Matter</i>	William Schoenberg, Pål Davidsen
14:30	15:30	Parallel 4635: Business and Innovation Strategy	G-102
		<i>An Explanation of Oscillating Cashflows Experienced by Ugandan Smallholder Farmers: The First Use of a Model to Simulate the Effects of Trader Business Strategies on Farmer Livelihoods</i>	Katherine Picchione
		<i>To innovate or not to innovate: A Russian case of the construction industry</i>	Emiliya Suprun, Oguz Sahin, Rodney Stewart, Kriengsak Panuwatwanich, Yaroslav Shcherbachenko
		<i>Innovation opportunities emerging from responsiveness and co-located manufacturing</i>	Lauri Saarinen
14:30	15:30	Parallel 4637: Agriculture	HT-104
		<i>Government Subsidies and Common-Pool Resources: A System Dynamics Model of Pistachio Production in Rafsanjan, Iran</i>	Alireza Akhavan, Paulo Goncalves, Ali Mashayekhi
		<i>Farmponds for Horticulture: Boon or Curse? Analysing Impact on Farm Profitability, Resource Sustainability and Social Welfare</i>	Pooja Prasad, Milind Sohoni
		<i>Shedding Light on the Harvesting Control Rules in Abstract Bioeconomic Models</i>	Alexander Ryzhenkov
14:30	15:30	WIP 4144: Disease Management	HT- 300
		<i>Computational Model for Traumatic Brain Injury</i>	Wayne Wakeland, Erin Kenzie
		<i>A Model-Based Criticism of Optimal Thresholds for PTSD Diagnosis</i>	Mohammad Jalali, Navid Ghaffarzadegan
		<i>Beta Blocker Titration in Heart Failure at the Point of Care: A Causal Network Analysis</i>	Jennifer Garvin, Michael Smith, Virginia Yazzie, Paige Benally, Charnetta Brown, Natalie Kelly, Jose Nativi-Nicolau, Salim Virani, Charlene Weir, Laura Petersen
		<i>A side effect of fall prevention for inpatient elderlies</i>	Satoshi Toyokawa, Sachiko Iijima, Takehiro Sugiyama, Nobuo Nishi, Yutaka Takahashi

		<i>Learning about shared risk and protective factors to promote comprehensive and collaborative approaches to prevent suicide and other risk-related forms of premature death by injury</i>	Ann Marie White, Kristen Hassmiller Lich
14:30	15:30	WIP 4191: Business Growth and Management	HT-102
		<i>The growth spiral of rooftop solar PVs: where and when?</i>	Monica Castaneda, Sebastián Zapata Ramirez, Maritza Jiménez, Isaac Dyner, Carlos Franco Cardona
		<i>Revenue Growth in Worker's Compensation Insurance: The Role of Safety Training</i>	John Voyer, Eric DeLuca, Jordyn Dorval
		<i>Insurance Dynamics</i>	Zander Smith
		<i>Balancing Growth and Service Quality In an Online Veterinary Services Business</i>	John Voyer, Zakariah Vanderlaan, Michael Kelley, Rachel Brower, Daniel LeVasseur
14:30	15:30	WIP 4233: Individual and Group Performance	HT-101
		<i>Mathematical knowledge is related to Stock-Flow task performance and the use of correlation heuristic for highly educated Chinese participants</i>	Liang Qi
		<i>A Social Integration Case</i>	Diego Luzuriaga, Mariana Ameri
		<i>Socio-Ecological Approach to Livelihood: From Theory to Proof of Concept</i>	Mihir Mathur, Kelsey Werner, Ellis Ballard, Pratiti Priyadarshini
		<i>Will Talented Outliers Help Improve Team Performance? The Significance of Feedback Learning</i>	Tianyi Li
		<i>KISS UP AND KICK DOWN ? THE EFFECTS OF DESTRUCTIVE LEADERSHIP AND</i>	Anthony Dowidowicz
		<i>A social simulation to understand driver's conduct changes in emerging countries: Can technological interventions from pedestrians accelerate respect at permitted crossings?</i>	Jairo J. PÉREZ, Manuel Betancur
14:30	15:30	WIP 4248: Water	L-102
		<i>A System Dynamics Approach to Water Quality: Initial Conceptualization</i>	Corne du Plooy, Naledi Memela
		<i>A comparative study of group model building and purposive text approaches for generating causal loop diagrams with confirmatory participant feedback: A case study of rural water system management in sub-Saharan Africa</i>	Nicholas Valcourt
		<i>SYSTEMS APPROACH AND MODELING FOR SUSTAINABLE GROUNDWATER IRRIGATION: A CASE STUDY IN MARDIN KIZILTEPE PLAINS OF SOUTHEAST TURKEY</i>	Adnan Mirhanoglu, Ali Kerem Saysel
		<i>Wetland City Planning for the Controversy Surrounding Water Levels</i>	Min Kim, Jinhyung Chon
		<i>Riparian water disputes in the Volta Basin, due to new irrigation practices in Burkina Faso?</i>	Odilia Schölvinnck, Nteniz Kalenter, Erik Pruyt

		<i>Assessing Adaptation Options for Water-Constrained Economy with System Dynamics Hydroeconomic Model</i>	Dmitrii Kovalevskii, Maria Manez	
15:30	16:30	Wednesday Afternoon Refreshment Break		HT-100/200 Refreshment Areas
15:30	16:30	Meeting 2881: XMLE Technical Committee Meeting (open meeting)	Karim Chichakly	HT-103
15:30	16:30	Meeting 4417: Editors Meeting	Yaman Barlas	HT-102
15:30	16:30	Meeting 4553: Energy SIG Meeting	Samir Traboulsi	L-102
15:30	16:30	Meeting 5006: Psychology and Human Behavior SIG: Annual Meeting and Roundtable Featuring SD and the Humanities	David Lounsbury	L-103
15:30	16:30	Meeting 5010: Conflict, Defense and Security SIG	Ignacio Martinez-Moyano	HT-104
15:30	16:30	Meeting 5013: Reinforcing loops for the Agriculture and Food SIG	Alberto Stanislao Atzori	HT-101
15:30	16:30	Meeting 5119: (New) Social Impact SIG	Bob Lamb, Angelika Schanda	HT-105
16:30	17:00	Wednesday Afternoon PLENARY: Presidential Address	Ignacio Martinez-Moyano	HT-105/102
17:00	18:00	Wednesday Afternoon PLENARY: Jay Wright Forrester Award Ceremony	Erling Moxnes	HT-105/102
19:00	22:00	Banquet - Stand-up Reception		Oddsson Ho(s)tel

Thursday, August 9

Start	End	Thursday, August 9 - Session Topic	Chairs and Presenters	Location Volunteer
08:30	08:50	Meeting 5060: System Dynamics Society General Business Meeting	Ignacio Martinez-Moyano	HT-105/102
08:30	18:30	Exhibitor Area 8:30 AM to 6:30 PM		HT-100 Exhibitor Area
08:30	18:30	Thursday Registration and Information Desk - All Day		HT-200
08:50	09:15	Thursday Morning PLENARY: Education Day Overview and Dedication to Allen Boorstein	Robert Eberlein, John Sterman	HT-105/102
		<i>Remembering Allen Boorstein</i>	John Sterman	
09:15	10:30	Thursday Morning PLENARY 1: System Dynamics in Education		HT-105
		<i>System Dynamics in Primary and Secondary Education</i>	Anne LaVigne, Lees Stuntz	
		<i>Teaching a System Dynamics Approach (in a wide variety of "educational" contexts)</i>	Steve Peterson	
		<i>The best Schooldays Ever: Using systems based pervasive games for teaching in Norway</i>	Anders Nordby, Harald Ulrik Sverdrup, Ulrik Sverdrup, Kristine Øygardslia	

09:15	10:30	Thursday Morning PLENARY 2: Real World Applications		HT-102
		<i>AI Adoption in Subscription Business Model</i>	Mark Paich, Pia Ramchandani, Kyungha Lim	
		<i>Decision Making and Biases in Cybersecurity Capability Development: Evidence from a Simulation Game Experiment</i>	Mohammad Jalali, Michael Siegel, Stuart Madnick	
		<i>Delivering Critical Projects & Programs</i>	Sharon Els	
10:30	11:30	Thursday Morning Refreshment Break		HT-100/200 Refreshment Areas
10:30	11:30	Meeting 4199: Australasia Chapter Meeting	Mark Heffernan	L-102
10:30	11:30	Meeting 4200: South Africa System Dynamics Chapter Roundtable	Josephine Musango	L-103
10:30	11:30	Meeting 4202: Latin America Chapter Meeting	Isaac Dyer, Gloria Perez Salazar	HT-104
10:30	11:30	Meeting 4214: Hosting the International Conference of the System Dynamics Society	Leonard Malczynski	G-102
10:30	11:30	Meeting 4584: German Chapter Informal Gathering	Andreas Groessler	HT-103
10:30	11:30	Meeting 5011: China Chapter Meeting	Haiyan Yan	HT-102
10:30	11:30	Meeting 5012: United Kingdom Chapter Annual Meeting and Roundtable	John Hayward	HT-105
10:30	11:30	Thursday: Education Day Posters from Kindergarden through Undergraduate Students		Litla-torg
		<i>Exploring Effects of Potential Pollution Tax Policies in Rural China</i>	Taggart Bonham, Steve Peterson	
		<i>Improving AYUDA's Efforts and Knowledge of Type 1 Diabetes in the Dominican Republic</i>	Peninah Benjamin	
		<i>Chronic Pain in Women Aged 45-54 and the Opioid Epidemic</i>	Nicole Beckman, Steve Peterson	
		<i>How Might Consumer Choice Precipitate an Electricity Death Spiral?</i>	Julia Huebner	
		<i>Hosting the Olympics: Opportunity or Catastrophe? Introduction</i>	Grace Thompson	
		<i>Deconstructing Social Entrepreneurship: Exploring Impact and Efficiency Across Strategies</i>	Hannah Gallen	
		<i>Undergraduate Student Presentation</i>	Lindsey Reitingner	
		<i>Community Education in System Dynamics for Sustainability</i>	Caroline Howe	
		<i>Singing Frogs - Using Systems Thinking in Kindergarten</i>	Özlem Orçun, Ulkem Yazarbas, Emre Goktepe	
		<i>System Dynamics Models Created by Secondary School Students: 1990 – 2010</i>	Diana Fisher	
		<i>Bush, Hussein, and Coupled Cognitive Biases in the Lead-Up to the Iraq War</i>	Kelsey Flower	
11:30	12:30	Parallel 4022: Teaching Systems Thinking		HT-101
		<i>Systems Thinking in Education in Turkey - First 5 Years</i>	Ulkem Yazarbas, Emre Goktepe	

		<i>Iconic signs and stock flow performance</i>	, Friederike Brockhaus
		<i>Framework for Designing an Online Interactive Learning Environment for Complex Dynamic Systems</i>	Aklilu Tilahun Tadesse
11:30	12:30	Parallel 4140: Medical Care	HT- 300
		<i>Informing local suicide prevention through co-design of a system dynamics model in Greater Western Sydney (Australia)</i>	Mark Heffernan, Andrew Page, Jo-An Atkinson, Geoff McDonnell, Ante Prodan
		<i>Systems modelling as an approach for understanding and building consensus on non-communicable diseases (NCD) management in Cambodia</i>	John Ansah, David Matchar, Amina Islam
		<i>Adoption Dynamics of Patient-Specific Knee Implants</i>	Amir Namin, Mohammad Jalali, Vahab Vahdatzad, Sagar Kamarthi, Jacqueline Isaacs
11:30	12:30	Parallel 4186: Security Dynamics	G-102
		<i>Transforming the Conflict Trap: From Theory to Practice</i>	Nancy Hayden
		<i>Malware dynamics: how to develop a successful anti-malware defense reference architecture policy</i>	Sander Zeijlemaker, Jorge Daniel Uriega Silva, Guzay Pasaoglu
		<i>Simulation of the management and disposal of Low Level Radioactive Waste in the United Kingdom</i>	Emma Woodham, Siôn Cave, Alison Gray
11:30	12:30	Parallel 4240: Climate Change Impact	L-102
		<i>Expert advice on climate policy and effects of fake advice</i>	Erling Moxnes
		<i>Developing an Agricultural Land and Policy Simulator to Promote Climate-Smart Policy</i>	Safae El Misaoui, Souhail Maazioui, Saad Benjelloun, Abdelkrim Lachgar, Charles Jones, Travis Franck
		<i>Exploring the Potential for Feeding a Changing World</i>	Willem Auping, Jan Kwakkel, Erik Pruyt
11:30	12:30	Parallel 4633: Spatial and Mixed Modeling Techniques	HT-105
		<i>Dynamic Analysis of the Lionfish Diffusion in the Caribbean Sea and Development of a Policy Game</i>	Gian Wieck
		<i>Subscript-Based Geospatial Migration Dynamics</i>	Patrick Steinmann, Stefan Wigman
		<i>A Hybrid Modeling and Simulation Approach for the Strategic Workforce Planning Problem</i>	Joachim Block
11:30	12:30	WIP 4209: Supply Chain Management	L-103
		<i>Supply Chain Characterization for technology products depending on the price and exchange rate in Colombia for the gamer market under three sales channels: retail, portals and online</i>	María Catalilna, Ignacio Perez, Joan Cruz
		<i>A System Dynamics Approach for the Design of Alternative Jet Fuel and Co-Products Supply Chains in the Pacific Northwest</i>	Lina Martinez, Manuel Garcia-Perez, Michael Wolcott
		<i>The impact of Industry 4.0 technologies on production and supply chains</i>	Davood Qorbani, Stefan Groesser

		<i>Last Mile Vaccine Stock Management Dynamic Model for Low and Medium Income Countries (LMICs)</i>	Agnes Mindila, Joseph Muliaro Wafula	
		<i>Simulation for Evaluating a Proposed Systems Architecture for Enabling Supply Chain Coordination in Disaster Relief</i>	Cameron Taylor, Tiru Arthanari	
		<i>Shock therapy: Teaching supply chain dynamics to a non-SD audience in SCM</i>	Henk Akkermans	
11:30	12:30	WIP 4247: Toward a Sustainable Energy Future	Brynhildur Davidsdottir	HT-104
		<i>Session Description: Revealing Trajectories Towards A Sustainable Energy Future</i>	Brynhildur Davidsdottir	
		<i>Use of qualitative information in the development of sustainability indicators; usefulness in system dynamics modeling</i>	Ingunn Gunnarsdóttir, Brynhildur Davidsdottir, Sigurbjorg Sigurgeirsdottir, Birgitta Steingrimsdottir	
		<i>System Dynamics model as a decision support tool: Stakeholder Engagement step and MCDA</i>	Reza Fazeli, Brynhildur Davidsdottir, Hlynur Stefánsson, Ehsan Shafiei, Eyjólfur Ingi Ásgeirsson, Bjarnhéðinn Guðlaugsson	
		<i>Geothermal resource dynamics and implications for energy system development</i>	Nathalie Spittler, Ehsan Shafiei, Brynhildur Davidsdottir	
		<i>Simulating the impact of fiscal incentives on electro-mobility transition and prospects for Icelandic energy-economic system</i>	Ehsan Shafiei, Brynhildur Davidsdottir, Reza Fazeli, Hlynur Stefánsson, Eyjólfur Ingi Ásgeirsson, Jonathan Leaver	
		<i>Impact of Solar Energy Generation on Sustainability and Energy Security</i>	Maryam Ebrahimi	
		<i>Determining the causal loops in a local energy transition process: the Dalsland case</i>	Sujeetha Selvakkumaran, Erik Ahlgren	
11:30	12:30	WIP 4254: Urban Issues		HT-103
		<i>Urban Dynamics and Slums in the Developing World</i>	Henry Bartelet	
		<i>: A systems thinking for the urban walking and health promotion in Seoul, Korea</i>	Dongha Kim, Benjamin Chang-Kwon Chung, Jihyun Lee, Seunghyun Yoo	
		<i>Sea Level Rise in Coupled Human and Natural Systems: A case study of East Boston</i>	Hannah Stroud, Paul Kirshen, Georgia Mavrommati	
		<i>Estimation of the demand of cars, utility vehicles and pick up in Megacities through system dynamics and agent-based simulation</i>	Daniel Ortiz, Adalberto Prada, Luis Rabelo, Edgar Gutierrez	
		<i>The roots of Brazilian social holocaust</i>	Hamilton Carvalho, José Mazzon, Joaquim Santos, Eduardo Franco	
		<i>Understanding the value and effectiveness of participatory system dynamics interventions in cross-cultural contexts: Proposal for a realist review</i>	Eliarani Kanak Rajah	
11:30	12:30	WIP 4335: Boundaries of the Field		HT-102

		<i>Descriptive System Dynamics Modeling: Using system dynamics modeling as a bridge between disciplines</i>	Dana Ilmari Polojarvi, Erika Palmer	
		<i>The synthesiser role of expert modellers in multidisciplinary research projects: a practical guideline</i>	Lize Duminy, Marie Brechbühler Peskova	
		<i>Facilitating policy development, decision-making and evaluation: Which tools to use when</i>	Jane Branscomb, Karen Minyard	
		<i>Principles of Model Based Engineering: An emerging manifesto</i>	Eliot Rich	
		<i>Modelling as bricolage</i>	Jai Clifford-Holmes, Shane Carnohan, Carolyn Palmer, Sharon Pollard, Jill Slinger	
11:30	12:30	Meeting 4411: Thursday Modeling Assistance Workshop (by appointment only)	Rod MacDonald	G-Modeling Square
12:30	14:30	Thursday Lunch Break and Meetings 12:30 PM to 2:30 PM		HT-100/200 Refreshment Areas
12:30	13:00	Meeting 5090: Georgia Health Policy Center Exhibitor Demonstration		HT- 300
12:30	13:30	Meeting 3343:Strategies and Resources for Teaching Systems Thinking and System Dynamics Modeling to Pre-College Students	Diana Fisher	HT-101
12:30	13:30	Meeting 4689: How to review a paper?/How to write a paper with your audience in mind?	Rogelio Oliva	HT-102
12:30	13:30	Meeting 5053: Powersim Studio Users' Group Meeting	Leonard Malczynski	HT-103
12:30	13:30	Meeting 5057: Strategy Dynamics ltd Exhibitor Demonstration and Users' Group Meeting	Christina Spencer, Kim Warren	HT-104
13:00	14:20	Meeting 5127: Thursday Publishing Assistance Workshop (as individually scheduled)	Shayne Gary, George Richardson	L-103
13:30	14:00	Meeting 5087: Sandia National Laboratories Exhibitor Demonstration and Users' Group Meeting		HT-103
13:30	14:30	Meeting 2922: XMILE/SD Tools Users' Group Meeting	Karim Chichakly	HT- 300
13:30	14:30	Meeting 4194: Awards Committee Meeting	Erling Moxnes, Jacob Jacobson, David Lane, Jac Vennix	HT-105
13:30	14:30	Meeting: 5120: (New) Pre-College Education (SIG)	Diana Fisher	HT-101
14:30	15:30	Parallel 4048: Policy and Methodology Resistance		HT-103
		<i>Organisational actors' motivations and building performance traps: Evidence from case studies and modelling on interactions of reputation, identity and collaboration</i>	Valerio Cappuccio, Nici Zimmermann, Catherine Willan, Esfandiar Burman, Michael Davies	

		<i>A Tale of Two Managers: testing mental models of an intractable business problem</i>	Jonathan Nichols, Anaely Aguiar Rodriguez, Birgit Kopainsky
		<i>Improving Qualitative Social Scientists' Confidence in System Dynamics Case Studies</i>	Tsuey-Ping Lee
14:30	15:30	Parallel 4241: Energy Dynamics	HT-104
		<i>Investigating and modelling endogenous socio-economic dynamics in long-term electricity demand forecasts for rural contexts of developing countries</i>	Fabio Riva
		<i>The best defense is a good offense: Prosumer communities as a business strategy for electric utilities</i>	Juliana Zapata Riveros, Merla Kubli, Silvia Ulli-Ber
		<i>An Expansion of the Long Term Impact of Renewable Wind Technology Implementation in South Africa</i>	Naledi Memela
14:30	15:30	Parallel 4337: Model Analysis Techniques	HT-105
		<i>Classification of Fundamental System Dynamics Model Outputs</i>	Mert Edali, Mustafa Baydogan, Gönenc Yucel
		<i>Building confidence in Simulation Models using automated analyses</i>	Stefan Katz, Stefan Groesser
		<i>Understanding Time-varying Correlation in Dynamic Systems</i>	Ignacio Martinez-Moyano, Jessica Trail
14:30	15:30	WIP 4023: Learning	HT-101
		<i>A structural model on how gamification can leverage intrinsic motivation in education</i>	Deane Harder, Lize Duminy
		<i>System Thinking for Gamification Design</i>	Anders Nordby, Harald Ulrik Sverdrup, Håvard Vibeto
		<i>Assessing the Effectiveness of Systems Thinking and the Individual Learner: Improve Understanding of Socio-Ecological System Complexity</i>	Jennifer Johnson
		<i>Presenting interactive causal-loop diagrams in Kumu: Lessons from a concussion recovery model</i>	Erin Kenzie, Wayne Wakeland
		<i>Modelling Behavioral Impacts: The Case of Publishing School League Tables</i>	Kasturi Muthu Elandy, Owan Conlan
		<i>Games are systems! - teaching Game Design with System Thinking</i>	Anders Nordby, Harald Ulrik Sverdrup, Håvard Vibeto
14:30	15:30	WIP 4145: Health Care Delivery	HT- 300
		<i>CURBING DENGUE IN SINGAPORE USING WOLBACHIA</i>	Eng Seng Chia, Yi Ming Liu, Chong Wei Goh, Zhi Wei Ling, Silvester Chin
		<i>System Dynamics Applications in Emergency Department for Waiting Time Improvement</i>	Stephane Copin, Tamim Hammadi, Selmin NURCAN
		<i>Using system dynamics to optimize stock management at the Blood Bank of Iceland</i>	Tim Diller
		<i>Can health disparity be eliminated? the role of family doctor played in Shanghai, China</i>	Jiaoling Huang, Qin Zhu

		<i>Building Policymaker Capacity to Address the Opioid Epidemic Using Systems Mapping</i>	Leigh Alderman, Karen Minyard
14:30	15:30	WIP 4179: Education and the Workforce	L-103
		<i>Autonomy and the Future of Work</i>	Nancy Hayden, Asmeret Naugle, Mark Smith
		<i>Is 'rural employment guarantee' effective in providing sustainable livelihood? An Analysis using a System Dynamic Model</i>	Nitin Lokhande, Haripriya Gundimeda
		<i>Reshaping the labour market: What does a skill-biased technological development mean for Business students?</i>	Amanda Karapici, Stefan Groesser
		<i>A system dynamics funding model for universities</i>	Malcolm Brady
		<i>Best Publishing Practices for Non-System Dynamics Journals: Questionnaire Design</i>	Aima Khan, Birgit Kopainsky, Carmen Lee, Emmy Farha Alias, Lucia Avila
		<i>Dynamics of Institutional Change</i>	Gian Wieck, Alec Eckert
14:30	15:30	WIP 4196: Product and Project Management	HT-102
		<i>"Advancing dynamic governance of business models and public policy" - Transition management of the swiss construction industry -</i>	Daniel Kliem, Alexander Scheidegger
		<i>A model for understanding the highway construction, deterioration and maintenance.</i>	Mauricio Martinez, Jorge Andrick Parra Valencia, Laura Cardenas
		<i>Managing and Modeling Value Creation Dynamics in Alliance Project</i>	Farzad Pargar, Jaakko Kujala, Kirsi Altonen, Sampsa Ruutu
		<i>Extending environmental impact assessments of consumer products with System Dynamics</i>	Raphael Wasserbaur, Tomohiko Sakao
		<i>From model results to implementation in practice: the case of Mohair Value Chain Sustainability Project</i>	Lize Duminy, Josephine Musango, Benjamin Batinge, , Ian Taverner, Martin Viljoen, Suzanne Smit
		<i>Evaluating Dynamic Processes of Rural Water Service Delivery Schemes in Sub-Saharan African Communities to Inform Development Policy</i>	Nicholas Valcourt, Jeffrey Walters
14:30	15:30	WIP 4642: Waste Management	L-102
		<i>A Simple System Dynamics Model to Examine the Impacts of Operating Parameters on Organic Waste Composting</i>	Jianbing Li
		<i>HOW TO EVALUATE PUBLIC POLICIES FOR THE CIRCULAR ECONOMY CONTEX? SCENARIOS APPLIED TO THE MUNICIPALITY OF CURITIBA</i>	Christian Da Silva
		<i>Public Policy Impact in the Life Cycle of the Electrical and Electronic Equipment Waste. Colombia exemplifies Latin America Status.</i>	Luz-Angélica Rodriguez
		<i>Introduction to generic optimization of policy strategies for textiles- A case study of the Swedish National Waste Plan 2018 (working paper)</i>	Hördur Haraldsson, Deniz Koca, Veasna Kum

15:30	16:30	Thursday Afternoon Refreshment Break		HT-100/200 Refreshment Areas
15:30	16:30	Meeting 5123: Issues and Insights for System Dynamics Education	Robert Cavana, Vicky Forgie	HT-101
16:30	18:00	Thursday Afternoon PLENARY: Sustainability and Development		HT-105/102
		<i>Getting A Handle On Norovirus Foodborne Transmission Mechanisms: A study for the Food Standards Agency</i>	David Lane, Elke Husemann, Darren Holland, Abdul Khaled	
		<i>Wasted Paradise? Policies for Small Island Developing States to Manage Economic Growth while Preserving Environmental Quality: The Case of the Maldives</i>	Florian Kapmeier, Paulo Goncalves	
		<i>Developing the WORLD6 integrated global model; causally linking natural resource use, population, energy, commodities, health, governance and the economy</i>	Harald Ulrik Sverdrup, Anna Olafsdottir, Vala Ragnarsdottir, Deniz Koca	
18:00	18:15	Conference Closing Ceremony	Allyson Beall King, Robert Eberlein, Jürgen Strohhecker	HT-105/102
18:30	19:45	I dot: A play in tribute to Donella Meadows and her article 'System Dynamics Meets the Press' (with introduction by John Sterman)	Andrii Miroshnychenko	HT-200

Friday, August 10

Start	End	Friday, August 10 - Session Topic	Chairs and Presenters	Location Volunteer
08:30	10:00	Friday Registration and Information Desk		HT-200
08:30	10:00	Workshop 3341: Getting Started with Stella and Stella Online	Karim Chichakly, Robert Eberlein, William Schoenberg, Sarah Davie	L-201 Olga Poletaeva,
08:30	10:00	Workshop 4960: Introduction to the Loop Impact Method of Feedback Dominance Analysis (Part 1 of 2)	John Hayward	O-101 Olga Poletaeva,
08:30	10:00	Workshop 5020: Getting Started with Vensim	Thomas Fiddaman	L-102 Olga Poletaeva,
08:30	10:00	Workshop 5025: Multiscale modeling and simulation method for policy making (Part 1 of 2)	Reza Hesani, Erik Pruyt	L-103 Olga Poletaeva,
08:30	10:00	Workshop 5027: Raising the uptake and impact of system dynamics teaching and training (Part 1 of 2)	Kim Warren	G-102 Olga Poletaeva,
08:30	10:00	Workshop 5029: Introduction to System Dynamics (Part 1 of 2)	Rebecca Niles	HT-334 Olga Poletaeva,
08:30	10:00	Workshop 5031: Teaching Students to Create Original SD Models in a Ten-Week Course	Diana Fisher	L-101 Olga Poletaeva,

08:30	10:00	Workshop 5033: Experiencing Systems Kinesthetically and Virtually (Part 1 of 2)	Anne LaVigne	Litla-torg Olga Poletaeva,
10:00	10:30	Friday Morning Refreshment Break		HT-100/200 Refreshment Areas
10:30	12:00	Workshop 3234: Managing Complexity with Stella	Karim Chichakly, Robert Eberlein, William Schoenberg, Sarah Davie	L-201 Olga Poletaeva,
10:30	12:00	Workshop 3334: Introduction to System Dynamics (Part 2 of 2)	Rebecca Niles	HT-334 Olga Poletaeva,
10:30	12:00	Workshop 3987: Introduction to the Loop Impact Method of Feedback Dominance Analysis (Part 2 of 2)	John Hayward	O-101 Olga Poletaeva,
10:30	12:00	Workshop 3988: Raising the uptake and impact of system dynamics teaching and training (Part 2 of 2)	Kim Warren	G-102 Olga Poletaeva,
10:30	12:00	Workshop 3993: Experiencing Systems Kinesthetically and Virtually (Part 2 of 2)	Diana Fisher, Anne LaVigne	Litla-torg Olga Poletaeva,
10:30	12:00	Workshop 4003: Multiscale modeling and simulation method for policy making (Part 2 of 2)	Reza Hesani, Erik Pruyt	L-103 Olga Poletaeva,
10:30	12:00	Workshop 5019: Calibration & Optimization with Vensim	Thomas Fiddaman	L-102 Olga Poletaeva,
10:30	12:00	Workshop 5032: SD reporting: the practitioner's approach	Arjen Ros	L-101 Olga Poletaeva,
12:00	13:00	Friday Lunch Break (on your own)		HT-200
12:00	13:00	Meeting 4413: Conference Debriefing Meeting	Roberta Spencer	G-102
13:00	14:30	Workshop 3214: Optimization and Sensitivity with Stella	Karim Chichakly, Robert Eberlein, William Schoenberg	L-201 Olga Poletaeva,
13:00	14:30	Workshop 3983: Feedback Rich Model Construction with Powersim Studio	Leonard Malczynski	O-101 Olga Poletaeva,
13:00	14:30	Workshop 5018: Getting Started with Venty	Thomas Fiddaman, Larry Yeager	L-102 Olga Poletaeva,
		<i>Getting Started with Venty</i>	Thomas Fiddaman, Larry Yeager	
13:00	14:30	Workshop 5021: Scriptapedia for an Evolving Group Model Building Community of Practice (Part 1 of 2)	Ellis Ballard, Shih-Ying Cheng, Peter Hovmand, Tzu-Hui Kung	L-101 Olga Poletaeva,
13:00	14:30	Workshop 5022: Agritopia - Agriculture and Land Use Policy Simulator (Part 1 of 2)	Travis Franck, Andrew Jones, Charles Jones, Rebecca Niles	Litla-torg Olga Poletaeva,
13:00	14:30	Workshop 5023: System Dynamics Model Documentation and Assessment Tool (SDM-Doc)	Ignacio Martinez-Moyano	L-103 Olga Poletaeva,

13:00	14:30	Workshop 5026: The Cyber Security Game - Red versus Blue	Sergio Alzate-Muñoz, Andres Montellano Zuna, Elena Shevyakova, Sander Zeijlemaker	G-102 Olga Poletaeva,
13:00	14:30	Workshop 5030: Teaching Pre-College Secondary School Educators, Parents, and SD Advocates System Dynamics Using Stella Online	Diana Fisher	HT-334 Olga Poletaeva,
14:30	15:00	Friday Afternoon Refreshment Break		HT-100/200 Refreshment Areas
15:00	16:30	Workshop 3342: Creating Multiplayer Interfaces and Games with Stella	Karim Chichakly, Robert Eberlein, William Schoenberg	L-201 Olga Poletaeva,
15:00	16:30	Workshop 4007: Agritopia - Agriculture and Land Use Policy Simulator (Part 2 of 2)	Travis Franck, Andrew Jones, Charles Jones, Rebecca Niles	Litla-torg Olga Poletaeva,
15:00	16:30	Workshop 4008: Scriptapedia for an Evolving Group Model Building Community of Practice (Part 2 of 2)	Ellis Ballard, Shih-Ying Cheng, Peter Hovmand, Tzu-Hui Kung	L-101 Olga Poletaeva,
15:00	16:30	Workshop 5015: Creating Interactive Simulations Online with Forio Epicenter	Michael Bean	O-101 Olga Poletaeva,
15:00	16:30	Workshop 5016: Starting from scratch: Habits and practices for better model construction	Leonard Malczynski	HT-334 Olga Poletaeva,
15:00	16:30	Workshop 5017: Ventity II - Concepts	Thomas Fiddaman, Larry Yeager	L-102 Olga Poletaeva,
15:00	16:30	Workshop 5024: Model confidence building using the PySD testing battery	David Lara Arango, Stefan Groesser, Stefan Katz	L-103 Olga Poletaeva,
15:00	16:30	Workshop 5028: Enabling Collaborative Governance Through Systems Modeling: Chapter Development	Luis Luna-Reyes, Eliot Rich	G-102