

Tentative Schedule updated: August 05, 2018

Monday, August 6

Start	End	Monday, August 6 - Session Topic	Chairs and Presenters	Location Volunteer
09:00	10:30	Meeting 4414: Administrative Committee Meeting	Robert Eberlein	HT-303
09:00	18:00	Conference Office		HT-303
09:00	18:00	Monday Registration, Information Desk and Ribbon Table - All Day		HT-200 Cynthia Kreidy, Sophie Rich
09:30	09:50	Welcome to the System Dynamics Colloquium in Iceland	Martina Curran, Erika Palmer	HT-102
09:50	10:00	ING Talk	Martina Curran, Erika Palmer	HT-102
10:00	10:30	Morning Plenary with Discussant	Martina Curran, Erika Palmer	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 Mahshid Zolfaghari
11:00	11:15	Morning Refreshment Break	Martina Curran, Erika Palmer	HT-102
11:15	12:30	Open Space	Martina Curran, Erika Palmer	HT-102
12:30	14:30	Lunch Break	Martina Curran, Erika Palmer	HT-200
12:30	14:30	Meeting 4422: Volunteers Meeting -- All volunteers please attend this meeting	Babak Bahaddin	HT-303
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	Martina Curran, Erika Palmer	HT-102
15:55	16:00	Meeting 5089: Group Photo	Martina Curran, Erika Palmer	HT-102 Connor McMullen, Nefel Tellioglu
16:00	18:00	Poster and Networking Session	Martina Curran, Erika Palmer	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>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 Stefansson, Ágúst Valfell
	<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 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>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>	Roland 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>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 Babak Bahaddin

Tuesday, August 7

Start	End	Tuesday, August 7 - Session Topic	Chairs and Presenters	Location Volunteer
08:30	18:30	Conference Office		HT-303
08:30	18:30	Exhibitor Area 8:30 AM to 6:30 PM		HT-100 Exhibitor Area Henry Bartelet, Shane Carnohan
08:30	18:30	Tuesday Registration, Information Desk, and Ribbon Table - All Day		HT-200 Cynthia Kreidy, Sophie Rich
08:50	09:00	- Tuesday Morning Conference Opening: Kick-off, Welcome, and Announcements -	Allyson Beall King, Robert Eberlein, Jürgen Strohhecker	HT-105/102 Odilia Schölvinck

09:00	10:30	- Tuesday Morning PLENARY: Diversity and Inclusion -	Laura Black	HT-105/102 Odilia Schölvinck
		<i>Gender inequality in science; a system dynamics 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	
09:00	18:00	Tuesday SIG and Chapter Gathering Point		Litla-torg (claim a table)
09:15	10:45	Meeting 5094: Family - Guest Lounge (Social Gathering)	Jessica Léonard	Litla-torg Teun Sluijs
10:30	11:30	- Tuesday Morning Coffee / Tea Break, sponsored by Georgia Health Policy Center, Georgia State University (and Meetings) -		HT-100/200 Refreshment/ Red Ribbon Areas
10:30	11:30	Meeting 3233: Transportation SIG Meeting	Astrid Guehnemann	HT-103 Alan Mozaffari
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 Mahshid Zolfaghari
10:30	11:30	Meeting 4408: Dana Meadows Award Committee Meeting	Thomas Fiddaman, Richard Dudley, Florian Kapmeier, Özge Pala, Krystyna Stave, John Serman	HT- 300 Teun Sluijs
10:30	11:30	Meeting 5122: System Dynamics Colloquium Planning Meeting	Martina Curran, Erika Palmer	L-201 Igor Oliveira
10:30	11:30	Meeting 5124: Teaching Growth Dynamics in New Markets to Business Students	Stefan Groesser	HT-104 Alan Mozaffari
		<i>Teaching Growth Dynamics in New Markets to Business Students</i>	Martin Schaffernicht, Stefan Groesser	
11:30	12:30	- Tuesday Morning PARALLEL and WIP SESSIONS 11:30 AM to 12:30 PM -		Other
11:30	12:30	Parallel 4142: Biomedical Dynamics	John Ansah	L-103 Aliaksandr Daradzeika

		<i>Cancer as a system dysfunction</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 Erin Bartholomew, Mehdi Moghadam Manesh
		<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 Alan Mozaffari
		<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>A comparative, simulation supported study on the diffusion of battery electric vehicles in Norway and Sweden</i>	Ginevra Testa, Bent Erik Bakken	
		<i>Simulating transport and societal effects of automated vehicles</i>	Paul Pfaffenbichler, Astrid Guehnemann, Guenter Emberger, Simon Shepherd	
11:30	12:30	Parallel 4267: Business Strategy	Asmeret Naugle	HT-104 Alan Mozaffari
		<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 Gozluklu, 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	Jeroen Struben	HT-101 Mahshid Zolfaghari
		<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	Silvia Ulli-Beer	L-201 Aliaksandr Daradzeika
		<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 consumption of energy in development dynamics in isolated rural areas.</i>	Yony Fernando Ceballos, Ronald Ortiz, Julian Castillo	
11:30	12:30	Parallel and WIP 4255: Modeling Approaches for the Environment and Economy (4175 Monetary Economics merged with 4255)	Etiënne Rouwette	L-102 Aliaksandr Daradzeika
		<i>The Canonical New Keynesian Monetary Policy Model: A System Dynamics Translation</i>	David Wheat, Marianna Oliskevych	
		<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 spatial discordance in greenhouse gas emissions and climate impacts on future climate change</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	Ali Kerem Saysel	HT-105 Odilia Schölvinck
		<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	Workshop 4410: Tuesday Modeling Assistance Workshop	Gary Hirsch, Rod MacDonald	G-Modeling Square Teun Sluijs
12:29	14:30	- Tuesday Lunch Break 12:30 PM to 2:30 PM (Pick up your salad!) LUNCHTIME SERIES events start every half hour: Business, Committee, Chapter, and Other Meetings, Exhibitor Demo, Users' Group Meeting, Publishing Assistance Workshop, and Model Expo -		HT-100/200 Refreshment/ Red Ribbon Areas Shane Carnohan, Aliaksandr Daradzeika, Sebastiaan Deuten, Mehdi Moghadam Manesh, Alan Mozaffari, Igor Oliveira, Mahshid Zolfaghari
12:30	13:30	Meeting 4415: Chapter and SIGs Representatives Meeting	Asmeret Naugle	HT-105 Odilia Schölvinck
12:30	13:30	Meeting 5007: Student Chapter Meeting	Larry Gottschamer	HT-103 Alan Mozaffari
		<i>Meeting: Student Chapter Meeting</i>	Larry Gottschamer	
12:30	13:30	Meeting 5055: Ventana Systems, Inc. Exhibitor Demonstration and Users' Group Meeting (Vensim)	Thomas Fiddaman	HT-102 Erin Bartholomew, Mehdi Moghadam Manesh
12:30	13:30	Meeting 5136: SYstem Dynamics Italian Chapter (SYDIC) Annual Meeting	Alberto Stanislao Atzori	L-102 Aliaksandr Daradzeika
13:00	14:20	Meeting 5096: Tuesday Publishing Assistance Workshop (as individually scheduled)	Shayne Gary, George Richardson	L-201 Igor Oliveira
13:30	14:30	Meeting 3213: Peer Mentoring	Larry Gottschamer	HT-103 Alan Mozaffari
13:30	14:30	Meeting 3230: Model Expo	Pascual Cravaack, Martin Gawliczek, Jonatan Gomez Vilchez, Bo Hu, Michel Kuijer, Pooja Prasad, Arjen Ros, Milind Sohoni	G-Modeling Square Teun Sluijs
13:30	14:30	Meeting 5105: Wiley / Publishers Meeting (by invitation)	Antony Hey, Yaman Barlas, Krystyna Stave	HT- 300 Teun Sluijs
13:30	14:30	Meeting 5121: Jay Wright Forrester Award Committee Meeting	Erling Moxnes	HT-104 Alan Mozaffari

13:30	14:30	Meeting 5125: Enabling Collaborative Governance Through Systems Modeling	Eliot Rich	L-102 Aliaksandr Daradzeika
		<i>Enabling Collaborative Governance Through Systems Modeling</i>	Eliot Rich, Carmine Bianchi, Luis Luna-Reyes	
13:30	14:30	Meeting 5134: Getting to Know the System Dynamics Society	Leonard Malczynski	HT-101 Mahshid Zolfaghari
		<i>Getting to Know the System Dynamics Society</i>	Leonard Malczynski	
14:00	14:01	Family-Guest Activity: Reykjavík Excursion Tour (Hallgrimmkirka Church) 2:00 PM for 1-2 hours	Jessica Léonard	Other
14:30	15:30	- Tuesday Afternoon PARALLEL and WIP SESSIONS 2:30 PM to 3:30 PM -		Other
14:30	15:30	Parallel 4021: Teaching SD at University Level	Yutaka Takahashi	HT-101 Mahshid Zolfaghari
		<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 Guzmán, Ivonne Natalia Hernández, Maria Alejandra Victorino Jimenez, Andrea Navarrete, Alejandro Astaiza, Juan Sebastián Guerrero Naffah	
14:30	15:30	Parallel 4134: Group Model Building	Josephine Musango	HT-102 Erin Bartholomew, Mehdi Moghadam Manesh
		<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, Étienne Rouwette	
		<i>Local Cooperation, Local Prosperity: Insights of Participatory System Dynamics Modeling within a Degrowth Community</i>	Giovanni Cunico, I-Chun Huang, Sebastiaan Deuten	
		<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 4236: The Heart of Modeling	Munaf Aamir	HT-105 Odilia Schölvinck
		<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: Lifecycle, Development, and Change	Andreas Groessler	HT-104 Alan Mozaffari

		<i>Integrating Life Cycle Analysis into System Dynamics: The Case of Steel in Europe</i>	Julian Torres, Harald Ulrik Sverdrup, Arnaud Diemer
		<i>Exploring the potential of development of Information Technology industry in a South African city</i>	Dillip Das, Debasish Sahu
		<i>Dynamics of change – the transition to a bio-based economy in the Norrköping region</i>	Therese Bennich
14:30	15:30	WIP 4188: Security, Stability and Migration	Bent Erik Bakken
		<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, Cody Akers, Amanda Ramirez, Patrick Wall
		<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	George Richardson
		<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 Schrunk, 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 4232: Managing Processes and Systems	Kim Warren
		<i>Analysis of Dynamic Strategic Evaluation Decisions</i>	Yavuz Ercil, Cigdem Baskici
		<i>Predictive Asset Management Model - 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

L-201
Igor Oliveira

HT-103
Alan Mozaffari

HT- 300
Teun Sluijs

		<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	
14:30	15:30	WIP 4641: Chronic Disease Care	David Lane	L-103 Aliaksandr Daradzeika
		<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	Hazhir Rahmandad	L-102 Aliaksandr Daradzeika
		<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>	Oz 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, Oz 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 Coffee / Tea Break, sponsored by Georgia Health Policy Center, Georgia State University (and Meetings) -		HT-100/200 Refreshment/ Red Ribbon Areas
15:30	16:30	Meeting 4201: Swiss Chapter Meeting	Daniel Kliem	L-201 Aliaksandr Daradzeika

15:30	16:30	Meeting 4203: Economics Chapter Meeting	Robert Cavana, David Wheat	HT-101 Mahshid Zolfaghari
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 Teun Sluijs
15:30	16:30	Meeting 5004: Iran Chapter Meeting	Babak Bahaddin	HT-104 Alan Mozaffari
		<i>Meeting: Iran Chapter Meeting</i>	Babak Bahaddin	
15:30	16:30	Meeting 5005: Japan Chapter Meeting	Yutaka Takahashi	HT-102 Erin Bartholomew, Mehdi Moghadam Manesh
		<i>Meeting: Japan Chapter Meeting</i>	Yutaka Takahashi	
15:30	16:30	Meeting 5008: Korea Chapter Meeting	Benjamin Chang-Kwon Chung	HT-103 Alan Mozaffari
		<i>Meeting: Korea Chapter Meeting</i>	Benjamin Chang-Kwon Chung	
15:30	16:30	Meeting 5009: Benelux System Dynamics Chapter Meeting	Jill Slinger	L-102 Aliaksandr Daradzeika
		<i>Meeting: Benelux System Dynamics Chapter Meeting</i>	Jill Slinger	
15:30	16:30	Meeting 5128: Brazil Chapter Meeting	Karim Chichakly	L-103 Aliaksandr Daradzeika
16:30	17:30	- Tuesday Afternoon PLENARY: Decision Making and Understanding -	Hazhir Rahmandad	HT-105/102 Odilia Schölvinck
		<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 Connor McMullen, Odilia Schölvinck, Nefel Tellioglu
		<i>Conference Awards</i>	Robert Eberlein	
18:30	21:00	- Poster Symposium and Light Buffet 6:30 PM to 9:00 PM, sponsored by BTN -		Blue White Hallway (BWH)

18:30	21:00	Poster: Business	BWH Business Posters Igor Oliveira
		<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 Rachele Yang
		<i>Causal Process Models for Efficient Energy Project Consultation and Strategy Development</i>	Silvia Ulli-Ber, 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 Aliaksandr Daradzeika
		<i>On modelling the price of beef and salmon using a fully dynamic approach</i>	Anna Olafsdottir, Ingunn Gudbrandsdottir, Harald Ulrik Sverdrup, Gudrun Olafsdottir, Sigurður Bogason
		<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 Alan Mozaffari
		<i>Exploring the resilience of vegetable growers in a country facing rapid environmental and socio-economic changes, 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 Policies for Flood Event 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 Mahshid Zolfaghari
		<i>Health issues (schistosomiasis) due to new irrigation practices in the Volta Basin</i>	Odilia Schölvinck, 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 Tomoiaia-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 Shane Carnohan
		<i>Understanding adoption of food innovations: The case of insect-based products in the Netherlands</i>	Andrijana Horvat, Vincenzo Fogliano, Pieter 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 Igor Oliveira
		<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 Shane Carnohan
		<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, Shajeeshan Lingeswaran, Andreas Yunus, Mohammad Ammar Faiq, Mikhail Sirenko, 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 Alan Mozaffari
		<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 Mehdi Moghadam Manesh
		<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
		<i>Fairness 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>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-Franco
		<i>Understanding Feedback in the Transition to Electric Vehicles: Insights from the Markets in Norway and the Netherlands</i>	Sebastiaan Deuten, Jonatan Gomez Vilchez
		<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
18:30	21:00	Poster: Resources	BWH Resources Posters Aliaksandr Daradzeika
		<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

		<i>The Dynamics of Food Waste in Relation to Consumption, Production, and Shopping Patterns</i>	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>	Roland 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 Igor Oliveira
		<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, Oleg Pavlov, Bland Addison, Khalid Saeed
18:30	21:00	Poster: Stakeholder Engagement	BWH Stakeholder Engagement Posters Igor Oliveira
		<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 Mahshid Zolfaghari
		<i>DRIVERS IMPACTING BATTERY ELECTRIC VEHICLE MONTHLY REPAYMENTS</i>	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

Wednesday, August 8

Start	End	Wednesday, August 8 - Session Topic	Chairs and Presenters	Location Volunteer
08:30	18:30	Conference Office		HT-303
08:30	18:30	Exhibitor Area 8:30 AM to 6:30 PM		HT-100 Exhibitor Area Henry Bartelet, Shane Carnohan
08:30	18:30	Wednesday Registration and Information Desk, and Ribbon Table - All Day		HT-200 Cynthia Kreidy, Sophie Rich
08:50	09:00	- Wednesday Morning Announcements -	Allyson Beall King, Robert Eberlein, Jürgen Strohhecker	Háskólabíó
09:00	10:30	- Wednesday Morning PLENARY: Changing People to Save the Planet -	Robert Eberlein	Háskólabíó Erin Bartholomew, Cynthia Kreidy, Mehdi Moghadam Manesh, Odilia Schölvinck
		<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	
09:00	18:00	Wednesday Chapter and SIG Gathering Point		Litla-torg (claim a table)
10:00	10:01	Family-Guest Activity: Blue Lagoon starts at 10:00 AM for 2-3 hours	Jessica Léonard	Other
10:30	11:30	- Wednesday Morning Coffee / Tea Break, sponsored by Mindseye Computing, LLC -		HT-100/200 Refreshment/ Red Ribbon Areas Shane Carnohan, Aliaksandr Daradzeika, Sebastiaan Deuten, Mehdi Moghadam Manesh, Alan Mozaffari, Igor Oliveira, Mahshid Zolfaghari

11:30	12:30	- Wednesday Morning FEEDBACK and WIP SESSIONS 11:30 AM to 12:30 PM -	Other
11:30	12:30	Feedback 4235: Modeling Human Attitudes and Decision Making	L-102
			Aliaksandr Daradzeika
		<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
		<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	O-201
			Andres Montellano Zuna
		<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
			Erin Bartholomew, Mehdi Moghadam Manesh
		<i>The impact of customer knowledge on corporation performance</i>	Danial Bidgoli, Mohammad Owlia, Mohammad Taghi Isaei, Mohammad Hosein Abooie, 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, Esmaeil Mostafavi	
11:30	12:30	Feedback 5099: Model Building Processes and Innovation	Robert Eberlein	HT-103 Alan Mozaffari
		<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	Allyson Beall King	L-103 Aliaksandr Daradzeika
		<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, Eva Sevigne Itoiz, Lorenzo De Lucia, 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>Associativity and Risk Attitude in Cundinamarca-Colombia Dairy Farmers Conditions</i>	Luz-Angélica Rodríguez, Enrique Estupinan, Omar Andrés Parra Urrego	
11:30	12:30	WIP 4245: The Value of Data	Eliot Rich	HT-105 Odilia Schölvinck

		<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	Asmeret Naugle	HT-104 Alan Mozaffari
		<i>The case of Arctic char land based aquaculture production in Iceland</i>	Ingunn Gudbrandsdottir, Gudrun Olafsdottir, 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	Workshop 4409: Wednesday Modeling Assistance Workshop	Gary Hirsch, Rod MacDonald	G-Modeling Square Teun Sluijs
12:30	13:30	Meeting 2923: Olga Poletaeva, European Master in System Dynamics (Thesis Defense)	Birgit Kopainsky	L-103 Aliaksandr Daradzeika
12:30	13:30	Meeting 3432: Asset Dynamics SIG Meeting	Michel Kuijer, Arjen Ros	HT- 300 Teun Sluijs
		<i>SIG Asset Dynamics</i>	Michel Kuijer, Arjen Ros	
12:30	13:30	Meeting 4204: Environmental SIG Meeting	Jennifer Johnson, Angelika Schanda	L-102 Aliaksandr Daradzeika
12:30	13:30	Meeting 4416: Applications Award Committee Meeting	J. Bradley Morrison	HT-102 Erin Bartholomew, Mehdi Moghadam Manesh

12:30	13:30	Meeting 4419: Publications Committee Meeting	Krystyna Stave, George Backus, Susan Howick, Sara Metcalf	O-201 Andres Montellano Zuna
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 Alan Mozaffari
12:30	13:30	Meeting 5056: isee systems Exhibitor Demonstration and Users' Group Meeting (Stella and itthink)	Karim Chichakly	HT-103 Alan Mozaffari
12:30	14:30	- Wednesday Lunch Break 12:30 PM to 2:30 PM (Pick up your salad!) LUNCHTIME SERIES events start every half hour: Business, Committee, SIG, and Other Meetings, Exhibitor Demos, Users' Group Meetings, and Publishing Assistance Workshop -		HT-100/200 Refreshment/ Red Ribbon Areas
13:00	14:20	Meeting 5126: Wednesday Publishing Assistance Workshop (as individually scheduled)	Shayne Gary, George Richardson	L-201 Igor Oliveira
13:30	14:00	Meeting 3232: Copernicos Group Exhibitor Demonstration	Michel Kuijer, Arjen Ros	HT- 300 Teun Sluijs
13:30	14:00	Meeting 5133: Anylogic Exhibitor Demonstration and Users' Group Meeting	Vladimir Koltchanov	O-201 Andres Montellano Zuna
13:30	14:30	Meeting 5054: Forio Online Simulations Exhibitor Demonstration and Users' Group Meeting	Michael Bean	HT-104 Alan Mozaffari
13:30	14:30	Meeting 3433: Health Policy Special Interest Group Business Meeting	Douglas McKelvie	L-102 Aliaksandr Daradzeika
13:30	14:30	Meeting 4341: Young Modelers	Angelika Schanda	HT-103 Alan Mozaffari
		<i>Young Modelers Meeting</i>	Angelika Schanda	
13:30	14:30	Meeting 4418: Past Presidents' Meeting	John Serman	HT-105 Odilia Schölvinck
14:30	15:30	- Wednesday Afternoon PARALLEL and WIP SESSIONS 2:30 PM to 3:30 PM -		Other
14:30	15:30	Parallel 4207: Healthcare Operations	Gary Hirsch	L-103 Aliaksandr Daradzeika
		<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: Development, Affordability, and Acceptance	Man-Hyung Lee	HT-103 Alan Mozaffari
		<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>Improving Qualitative Social Scientists' Confidence in System Dynamics Case Studies</i>	Tsuey-Ping Lee	
14:30	15:30	Parallel 4336: Understanding Model Behavior	Raafat Zaini	HT-105 Odilia Schölvinck
		<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	Henk Akkermans	L-201 Igor Oliveira
		<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, Oz 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	Erika Palmer	HT-104 Alan Mozaffari
		<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	David Lounsbury	HT-102 Mehdi Moghadam Manesh
		<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 Loop 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	Mark Heffernan	HT- 300 Teun Sluijs
		<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	J. Bradley Morrison	O-201 Andres Montellano Zuna
		<i>Mathematical knowledge is related to Stock-Flow task performance and the use of correlation heuristic for highly educated Chinese participants</i>	Liang Qi, Cleotilde Gonzalez	
		<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 on Healthcare Organizations</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	David Wheat	L-102 Aliaksandr Daradzeika
		<i>A System Dynamics Approach to Water Quality: Initial Conceptualization</i>	Corne Du Plooy, Naledi Memela	
		<i>Evaluating Dynamic Processes of Rural Water Service Delivery Schemes in Sub-Saharan African Communities to Inform Development Policy</i>	Nicholas Valcourt, Jeffrey Walters	
		<i>Sustaining Groundwater Irrigation in Mardin Kızıltepe Plains of South East 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 Schölvinck, 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 Coffee / Tea Break, sponsored by Mindseye Computing, LLC (and Meetings) -		HT-100/200 Refreshment/ Red Ribbon Areas
15:30	16:30	Meeting 2881: XMLE Technical Committee Meeting (open meeting)	Karim Chichakly	HT-103 Alan Mozaffari
15:30	16:30	Meeting 4417: Editors Meeting	Yaman Barlas	HT-102 Erin Bartholomew, Mehdi Moghadam Manesh
15:30	16:30	Meeting 4553: Energy SIG Meeting	Samir Traboulsi	L-102 Aliaksandr Daradzeika
15:30	16:30	Meeting 5006: Psychology and Human Behavior SIG: Annual Meeting and Roundtable Featuring SD and the Humanities	David Lounsbury	L-103 Aliaksandr Daradzeika
		<i>Meeting: Psychology and Human Behavior SIG: Annual Meeting and Roundtable Featuring SD and the Humanities</i>	David Lounsbury, Pascal Gambardella, Dana Ilmari Polojarvi	
15:30	16:30	Meeting 5010: Conflict, Defense and Security SIG	Edward Anderson, Ignacio Martinez-Moyano	HT-104 Alan Mozaffari
		<i>Meeting: Conflict, Defense and Security SIG Meeting</i>	Ignacio Martinez-Moyano	

15:30	16:30	Meeting 5013: Reinforcing loops for the Agriculture and Food SIG	Alberto Stanislao Atzori	O-201 Andres Montellano Zuna
		<i>Meeting: Reinforcing loops for the Agriculture and Food SIG</i>	Alberto Stanislao Atzori, Lucia Avila, Hector Menendez	
15:30	16:30	Meeting 5119: (New) Social Impact SIG	Bob Lamb, Angelika Schanda	L-201 Aliaksandr Daradzeika
		<i>(New) Social Impact SIG</i>	Bob Lamb, Angelika Schanda	
16:30	17:00	- Wednesday Afternoon PLENARY: Presidential Address -	Ignacio Martinez-Moyano	HT-105/102 Odilia Schölvinck
17:00	18:00	- Wednesday Afternoon PLENARY: Jay Wright Forrester Award Ceremony -	Erling Moxnes	HT-105/102 Connor McMullen, Odilia Schölvinck, Nefel Tellioglu
19:00	22:00	Banquet - Stand-up Reception, co-sponsored by isee systems and DynamicVu		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 Odilia Schölvinck
08:30	18:30	Conference Office		HT-303
08:30	18:30	Exhibitor Area 8:30 AM to 6:30 PM		HT-100 Exhibitor Area Henry Bartelet, Shane Carnohan
08:30	18:30	Thursday Registration and Information Desk - All Day		HT-200 Cynthia Kreidy, Sophie Rich
08:50	09:10	- Thursday Morning PLENARY: Education Day Overview and Dedication to Allen Boorstein -	Robert Eberlein, John Sterman	HT-105/102 Odilia Schölvinck
		<i>Remembering Allen Boorstein</i>	John Sterman	
09:00	09:01	Family Guest Activity: Whale / Dolphin Tour starts at 9:00 AM for 3 hours	Jessica Léonard	Other

09:00	18:00	Thursday SIG and Chapter Gathering Point		Litla-torg (claim a table)
09:10	09:15	- Thursday Morning Announcements -		HT-105
09:15	10:30	- Thursday Morning PLENARY 1: System Dynamics in Education -	George Richardson	HT-105 Odilia Schölvinck
		<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 -	Scott Rockart	HT-102 Erin Bartholomew, Mehdi Moghadam Manesh
		<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 Coffee / Tea Break, sponsored by the MITRE Corporation (and Meetings) -		HT-100/200 Refreshment/ Red Ribbon Areas
10:30	11:30	Meeting 4199: Australasia Chapter Meeting	Mark Heffernan	L-102 Aliaksandr Daradzeika
10:30	11:30	Meeting 4200: South Africa System Dynamics Chapter Roundtable	Josephine Musango	L-103 Aliaksandr Daradzeika
10:30	11:30	Meeting 4202: Latin America Chapter Meeting	Isaac Dyner, Gloria Perez Salazar	HT-104 Alan Mozaffari
10:30	11:30	Meeting 4214: Hosting the International Conference of the System Dynamics Society	Leonard Malczynski	L-201 Igor Oliveira
10:30	11:30	Meeting 4584: German Chapter Informal Gathering	Andreas Groessler	HT-103 Alan Mozaffari
10:30	11:30	Meeting 5011: China Chapter Meeting	Haiyan Yan	HT-102 Erin Bartholomew, Mehdi Moghadam Manesh

		<i>Meeting: China Chapter Meeting</i>	Haiyan Yan	
10:30	11:30	Meeting 5012: United Kingdom Chapter Annual Meeting and Roundtable	John Hayward	HT-101 Mahshid Zolfaghari
		<i>Meeting: United Kingdom Chapter Annual Meeting and Roundtable</i>	John Hayward	
10:30	11:30	Thursday: Education Day Posters from Kindergarten 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>Towards Environmental Justice: Balancing Urban Greenspace and Gentrification</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 Yararbas, 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	- Thursday Morning PARALLEL and WIP SESSIONS 11:30 AM to 12:30 PM -		Other
11:30	12:30	Parallel 4022: Teaching Systems Thinking	Rod MacDonald	HT-101 Mahshid Zolfaghari
		<i>Systems Thinking in Education in Turkey - First 5 Years</i>	Ulkem Yararbas, 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	Douglas McKelvie	L-103 Aliaksandr Daradzeika
		<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	Ignacio Martinez-Moyano	L-201 Igor Oliveira
		<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	Rebecca Niles	L-102 Aliaksandr Daradzeika
		<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	Peter Hovmand	HT-105 Odilia Schölvinck
		<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	Karim Chichakly	HT- 300 Teun Sluijs
		<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 Muliario 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 Alan Mozaffari

		<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 Stefansson, 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 Stefansson, 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	Leonard Malczynski	HT-103 Alan Mozaffari
		<i>Urban Dynamics and Slums in the Developing World</i>	Henry Bartelet	
		<i>Structural Analysis of Urban Walking and Health Promotion : Systems Thinking Approach Focused on Korean Case</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-Franco	
		<i>The roots of Brazilian social holocaust</i>	Hamilton Carvalho, José Mazzon, Joaquim Santos	
		<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	Shayne Gary	HT-102 Erin Bartholomew, Mehdi Moghadam Manesh
		<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>	Ed Carroll, Dana Grisham, Nancy Hayden, Sharon Trauth, Eliot Rich, Frank Salvatore, William Schindel, Chris Schreiber, Steve Jenkins, Anne O'Neil	
		<i>Modelling as Bricolage</i>	Jai Clifford-Holmes, Shane Carnohan, Carolyn Palmer, Sharon Pollard, Jill Slinger	
11:30	12:30	Workshop 4411: Thursday Modeling Assistance Workshop (by appointment only)	Gary Hirsch, Rod MacDonald	G-Modeling Square Teun Sluijs
12:30	13:00	Meeting 5090: Georgia Health Policy Center Exhibitor Demonstration	Leigh Alderman	HT- 300 Teun Sluijs
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 Mahshid Zolfaghari
		<i>Strategies and Resources for Teaching Systems Thinking and System Dynamics Modeling to Pre-College Students</i>	Diana Fisher	
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 Erin Bartholomew, Mehdi Moghadam Manesh
12:30	13:30	Meeting 5053: Powersim Studio Users' Group Meeting	Leonard Malczynski	HT-103 Alan Mozaffari
12:30	13:30	Meeting 5057: Strategy Dynamics ltd Exhibitor Demonstration and Users' Group Meeting	Christina Spencer, Kim Warren	HT-104 Alan Mozaffari
12:30	13:30	Meeting 5170: Education SIG Meeting	Carol Frances	HT-105 Odilia Schölvinck
12:30	14:30	- Thursday Lunch Break 12:30 PM to 2:30 PM (Pick up your salad!) LUNCHTIME SERIES events start every half hour: Business, Committee, SIG, and Other Meetings, Exhibitor Demos, Users' Group Meetings, and Publishing Assistance Workshop -		HT-100/200 Refreshment/ Red Ribbon Areas
13:00	14:20	Meeting 5127: Thursday Publishing Assistance Workshop (as individually scheduled)	Shayne Gary, George Richardson	L-201 Igor Oliveira
13:30	14:00	Meeting 5087: Sandia National Laboratories Exhibitor Demonstration and Users' Group Meeting	Munaf Aamir, Nancy Hayden, Asmeret Naugle	HT-103 Alan Mozaffari
13:30	14:30	Meeting 2922: XMILE/SD Tools Users' Group Meeting	Karim Chichakly	HT- 300 Teun Sluijs
13:30	14:30	Meeting 4194: Awards Committee Meeting	Erling Moxnes, Elke Husemann, Jacob Jacobson, David Lane, Jac Vennix	HT-105 Odilia Schölvinck

13:30	14:30	Meeting: 5120: (New) Pre-College Education (SIG)	Diana Fisher	HT-101 Mahshid Zolfaghari
		<i>(New) Pre-College Education (SIG)</i>	Diana Fisher	
14:30	15:30	- Thursday Afternoon PARALLEL and WIP SESSIONS 2:30 AM to 3:30 PM -		Other
14:30	15:30	Parallel 4048: Barriers to Improving Performance	Nici Zimmermann	HT-103 Alan Mozaffari
		<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>Transition to Alternative Fuel Vehicles: A Distributive Justice Perspective</i>	Wissam El Hachem, Pietro De Giovanni	
14:30	15:30	Parallel 4241: Energy Dynamics	Samir Traboulsi	HT-104 Alan Mozaffari
		<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-Beer	
		<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	Michael Bean	HT-105 Odilia Schölvinck
		<i>Classification of Fundamental System Dynamics Model Outputs</i>	Mert Edali, Mustafa Baydogan, Gönenç 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	Saras Chung	HT-101 Mahshid Zolfaghari
		<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	Peter Lacey L-102 Aliaksandr Daradzeika
		<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>Optimizing 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	Steve Peterson L-103 Aliaksandr Daradzeika
		<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 labor market: investigating the dynamics of a skill-biased technological change from the business and engineering students perspective</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	Jeff Trailer HT-102 Erin Bartholomew, Mehdi Moghadam Manesh
		<i>Transition management in 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>Value Creation Dynamics in Project Alliance</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

14:30	15:30	WIP 4642: Waste Management	Erling Moxnes	HT- 300 Teun Sluijs
		<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 context? 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 Rodríguez, Enrique Estupinan	
		<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 Coffee / Tea Break, sponsored by the MITRE Corporation (and Meetings) -		HT-100/200 Refreshment/ Red Ribbon Areas
15:30	16:30	Meeting 5123: Issues and Insights for System Dynamics Education	Robert Cavana	HT-101 Mahshid Zolfaghari
		<i>Issues and Insights for System Dynamics Education</i>	Robert Cavana, Vicky Forgie	
16:30	18:00	- Thursday Afternoon PLENARY: Problems of Modernity -	Hyunjung Kim	HT-105/102 Odilia Schölvinck
		<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, Anna Olafsdottir, Erik Pruyt, Hazhir Rahmandad, Roberta Spencer, Jürgen Strohhecker, Harald Ulrik Sverdrup	HT-105/102 Odilia Schölvinck

Friday, August 10

Start	End	Friday, August 10 - Session Topic	Chairs and Presenters	Location Volunteer
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08:30	10:00	Friday Registration and Information Desk		HT-200 Kaveh Dianati, Cynthia Kreidy
08:30	10:00	Workshop 3341: Getting Started with Stella and Stella Online	Karim Chichakly, Robert Eberlein, William Schoenberg	L-201 Olga Poletaeva
		<i>Getting Started with Stella and Stella Online</i>	Robert Eberlein, Karim Chichakly, William Schoenberg, Sarah Davie	
08:30	10:00	Workshop 4960: Introduction to the Loop Impact Method of Feedback Dominance Analysis (Part 1 of 2)	John Hayward	O-101 Andres Montellano Zuna
		<i>Introduction to the Loop Impact Method of Feedback Dominance Analysis (Part 1 of 2)</i>	John Hayward	
08:30	10:00	Workshop 5020: Getting Started with Vensim	Thomas Fiddaman	L-102 Olga Poletaeva
		<i>Getting Started with Vensim</i>	Thomas Fiddaman	
08:30	10:00	Workshop 5025: Multiscale modeling and simulation method for policy making (Part 1 of 2)	Erik Pruyt	L-103 Olga Poletaeva
		<i>Multiscale modeling and simulation method for policy making (Part 1 of 2)</i>	Reza Hesani, Erik Pruyt	
08:30	10:00	Workshop 5029: Introduction to System Dynamics (Part 1 of 2)	Rebecca Niles	HT- 300 Olga Poletaeva
		<i>Introduction to System Dynamics</i>	Rebecca Niles	
08:30	10:00	Workshop 5031: Teaching Students to Create Original SD Models in a Ten-Week Course	Diana Fisher	HT-103 Olga Poletaeva
		<i>Teaching Students to Create Original SD Models in a Ten-Week Course</i>	Diana Fisher	
08:30	10:00	Workshop 5033: Experiencing Systems Kinesthetically and Virtually (Part 1 of 2)	Anne LaVigne	Litla-torg Olga Poletaeva
		<i>Experiencing Systems Kinesthetically and Virtually (Part 1 of 2)</i>	Diana Fisher	
09:00	09:01	Family Guest Activity: Golden Circle Tour starts at 9:00 AM for the full day	Jessica Léonard	Other
10:00	10:30	- Friday Morning Coffee / Tea Break -		HT-100/200 Refreshment/ Red Ribbon Areas
10:30	12:00	Workshop 3234: Managing Complexity with Stella	Karim Chichakly, Robert Eberlein, William Schoenberg	L-201 Olga Poletaeva

		<i>Managing Complexity with Stella</i>	Robert Eberlein, Karim Chichakly, William Schoenberg, Sarah Davie	
10:30	12:00	Workshop 3334: Introduction to System Dynamics (Part 2 of 2)	Rebecca Niles	HT- 300 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 Andres Montellano Zuna
10:30	12:00	Workshop 3988: Teaching people to build models: sharing best practice in all domains	Kim Warren	O-206 Andres Montellano Zuna
		<i>Teaching people to build models: sharing best practice in all domains</i>	Kim Warren	
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)	Erik Pruyt	L-103 Olga Poletaeva
10:30	12:00	Workshop 5019: Calibration & Optimization with Vensim	Thomas Fiddaman	L-102 Olga Poletaeva
		<i>Calibration & Optimization with Vensim</i>	Thomas Fiddaman	
10:30	12:00	Workshop 5032: SD reporting: the practitioner's approach	Arjen Ros	HT-103 Olga Poletaeva
		<i>SD reporting: the practitioner's approach</i>	Michel Kuijer, Arjen Ros	
12:00	13:00	- Friday Lunch Break (on your own) -		HT-200
12:00	13:00	Meeting 4413: Conference Debriefing Meeting	Roberta Spencer	O-206 Andres Montellano Zuna
13:00	14:30	Workshop 3214: Optimization and Sensitivity with Stella	Karim Chichakly, Robert Eberlein, William Schoenberg	L-201 Olga Poletaeva
		<i>Optimization and Sensitivity with Stella</i>	Robert Eberlein, Karim Chichakly, William Schoenberg	
13:00	14:30	Workshop 3983: Feedback Rich Model Construction with Powersim Studio	Leonard Malczynski	O-101 Andres Montellano Zuna
		<i>Feedback Rich Model Construction with Powersim Studio</i>	Leonard Malczynski	
13:00	14:30	Workshop 5018: Getting Started with Ventity	Thomas Fiddaman, Larry Yeager	L-102 Olga Poletaeva
		<i>Getting Started with Ventity</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, Peter Hovmand, Tzu-Hui Kung	HT-103 Olga Poletaeva
		<i>Scriptapedia for an Evolving Group Model Building Community of Practice (Part 1 of 2)</i>	Ellis Ballard, Peter Hovmand, Xiaolin Cheng, Tzu-Hui Kung	
13:00	14:30	Workshop 5022: Agritopia - Agriculture and Land Use Policy Simulator (Part 1 of 2)	Travis Franck, Rebecca Niles	Litla-torg Olga Poletaeva
		<i>Agritopia - Agriculture and Land Use Policy Simulator (Part 1 of 2)</i>	Rebecca Niles, Andrew Jones, Travis Franck, Charles Jones	
13:00	14:30	Workshop 5023: System Dynamics Model Documentation and Assessment Tool (SDM-Doc)	Ignacio Martinez-Moyano	L-103 Olga Poletaeva
		<i>System Dynamics Model Documentation and Assessment Tool (SDM-Doc)</i>	Ignacio Martinez-Moyano	
13:00	14:30	Workshop 5026: The Cyber Security Game - Red versus Blue	Andres Montellano Zuna, Sander Zeijlemaker	O-206 Andres Montellano Zuna
		<i>The Cyber Security Game - Red versus Blue</i>	Sander Zeijlemaker, Andres Montellano Zuna	
13:00	14:30	Workshop 5030: Teaching Pre-College Secondary School Educators, Parents, and SD Advocates System Dynamics Using Stella Online	Diana Fisher	HT- 300 Olga Poletaeva
		<i>Teaching Pre-College Secondary School Educators, Parents, and SD Advocates System Dynamics Using Stella Online</i>	Diana Fisher	
14:30	15:00	- Friday Afternoon Coffee / Tea Break -		HT-100/200 Refreshment/ Red Ribbon Areas
15:00	16:30	Workshop 3342: Creating Multiplayer Interfaces and Games with Stella	Karim Chichakly, Robert Eberlein, William Schoenberg	L-201 Olga Poletaeva
		<i>Creating Multiplayer Interfaces and Games with Stella</i>	Robert Eberlein, Karim Chichakly, William Schoenberg	
15:00	16:30	Workshop 4007: Agritopia - Agriculture and Land Use Policy Simulator (Part 2 of 2)	Travis Franck, 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, Peter Hovmand, Tzu-Hui Kung	HT-103 Olga Poletaeva
15:00	16:30	Workshop 5015: Creating Interactive Simulations Online with Forio Epicenter	Michael Bean	O-101 Andres Montellano Zuna
		<i>Creating Interactive Simulations Online with Forio Epicenter</i>	Michael Bean	
15:00	16:30	Workshop 5016: Starting from scratch: Habits and practices for better model construction	Leonard Malczynski	HT- 300 Olga Poletaeva
		<i>Starting from scratch: Habits and practices for better model construction</i>	Leonard Malczynski	

15:00	16:30	Workshop 5017: Ventity II - Concepts	Thomas Fiddaman, Larry Yeager	L-102 Olga Poletaeva
		<i>Ventity II - Concepts</i>	Thomas Fiddaman, Larry Yeager	
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
		<i>Model confidence building using the PySD testing battery</i>	Stefan Katz, Stefan Groesser, David Lara Arango	
15:00	16:30	Workshop 5028: Enabling Collaborative Governance Through Systems Modeling: Chapter Development	Eliot Rich	O-206 Andres Montellano Zuna
		<i>Enabling Collaborative Governance Through Systems Modeling: Chapter Development</i>	Eliot Rich, Carmine Bianchi, Luis Luna-Reyes	