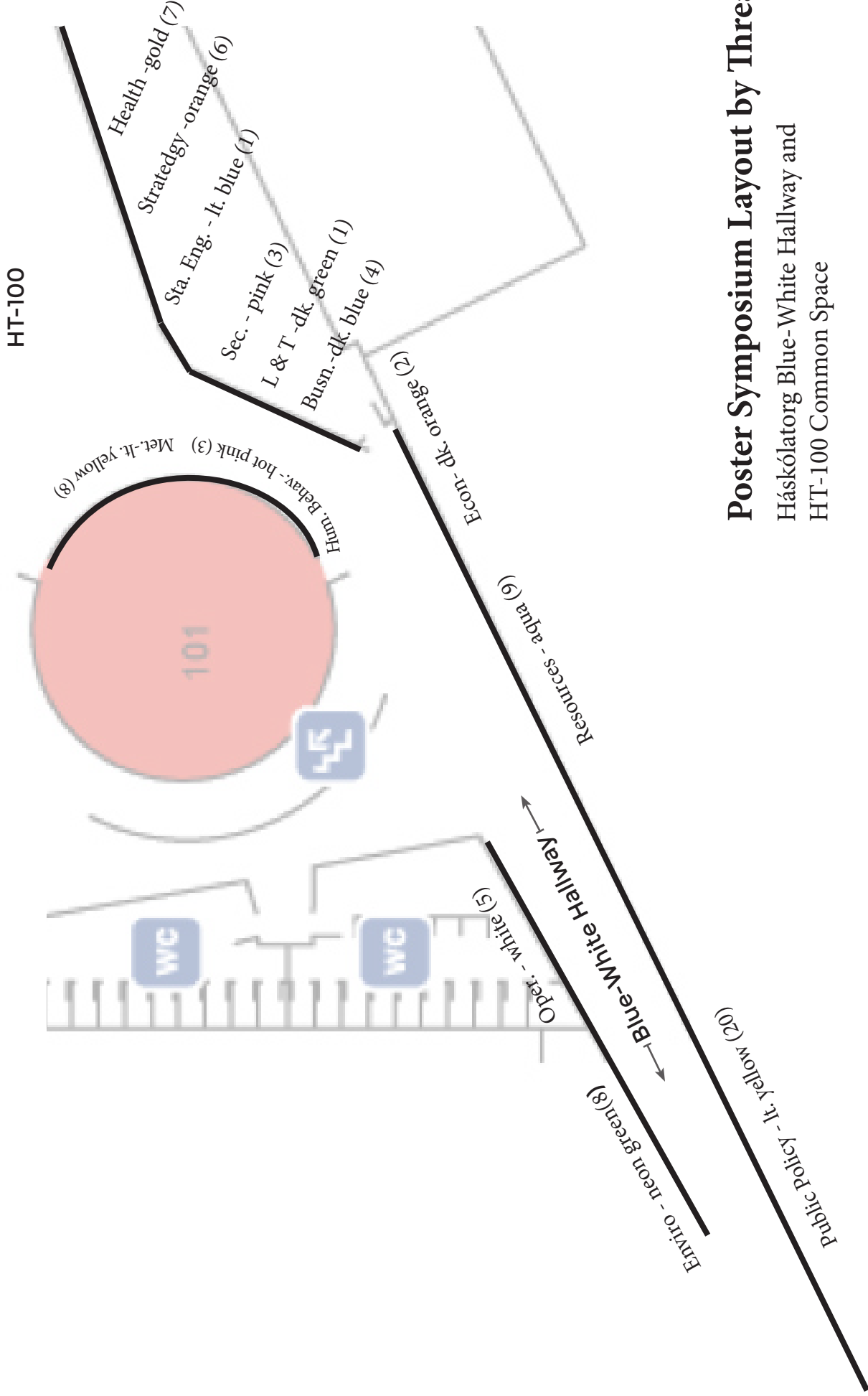
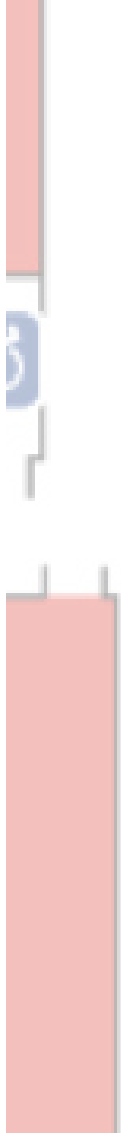


Poster Symposium and Light Buffet

Sponsored by BTN

Tuesday, August 7, 2018



Poster Symposium Layout by Thread

Háskólatorg Blue-White Hallway and

HT-100 Common Space

Poster Symposium and Light Buffet

Sponsored by BTN

2018 International Conference of the System Dynamics Society –
Reykjavík, Iceland

Tuesday, August 7, 2018 18:30 –21:00 (Blue/White Hallway)



Title/ Author	Thread location	
<i>The low carbon transition in the UK building sector must make financial sense: a hybrid system dynamics- bottom up modelling framework</i> by George Papachristos, University College London	Dark blue	Business
<i>Exploring the Dynamics of Market Share in High-Tech Industry -A Case study of Testing Instruments Company in Taiwan</i> by Yin Yi Rachelle Yang, EMSD: European Master programm in System Dynamics; Robert Zhenping Zhang, University of Palermo, Italy; Beijing University of Posts and Telecommunications, China;		
<i>Causal Process Models for Efficient Energy Project Consultation and Strategy Development</i> by Silvia Ulli-Beer, University of Applied Science of Zurich; Daniel Hug, EWZ		
<i>A Temporal Study on the Profitability - Growth Relationship</i> by Jeff Trailer, California State University, Chico; Si Cheng, California Institute of Technology		
<i>On modelling the price of beef and salmon using a fully dynamic approach</i> by Anna Olafsdottir, University of Iceland; Ingunn Gudbrandsdottir, University of Iceland; Harald Ulrik Sverdrup, University of Iceland; Sigurður Bogason, University of Iceland; Gudrun Olafsdottir, University of Iceland	Dark orange	Economics
<i>Modeling and Analysis of the Competitive Behavior in Oligopolistic Dynamic Random-Access Memory Market</i> by Ipek Dursun, Bogazici University; Gönenç Yucel, Bogaziçi University		
<i>Different worldviews as impediments to integrated nature and cultural heritage conservation management</i> by Carl Österlin, Department of Physical Geography, Stockholm University; Peter Schlyter, Blekinge Institute of Technology & Stockholm University	Neon green	Environment
<i>Stakeholder group modelling as a participatory tool to identify and reduce barriers for co-management of multifunctional landscapes</i> by Ingrid Stjernquist, Stockholm University; Peter Schlyter, Blekinge Institute of Technology & Stockholm University		
<i>Development of an asset management planning tool for integrated wastewater collection and treatment systems</i> by Hamed Mohammadifardi, University of Waterloo; Mark Knight, University of Waterloo ; Andre Unger, University of Waterloo		
<i>Participatory System Dynamics Modelling for Adaptation to Extreme Hydrological Events under Conditions of Climate Change</i> by Dmitrii Kovalevskii, Climate Service Center Germany (GERICS), Helmholtz-Zentrum Geesthacht; Maria Manez, Climate Service Center Germany		
<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> by Kenza Benabderrazik, ETHZ; Birgit Kopainsky, University of Bergen		
<i>Circular-economy dynamics in the Danish construction industry</i> by Christian Erik Kampmann, Copenhagen Business School		
<i>Development of a Recycling System Policy for Construction and Demolition Waste Materials with Applications in Libya toward Sustainable Development</i> by Itad Shiboub, École de Technologie Supérieure; Gabriel Assaf , ETS		
<i>Modelling and Simulation of Adaptation Measures for Flood Events on Land Use and Transportation Fields: The Case of Khon Kaen Area, Thailand</i> by Hiroki Kikuchi, Nihon University; Atsushi Fukuda, Nihon University; Noriyasu Tsumita		
<i>HEALTH ISSUES DUE TO NEW IRRIGATION PRACTICES IN THE VOLTA BASIN</i> by Odilia Schölvinck, TU Delft; Nteniz Kalenter, TU Delft; Bastiaan Manintveld, TU Delft; Erik Pruyt, Delft University of Technology	Gold	Health
<i>Alcohol-Impaired Driving in U.S. College Environments: Stakeholder-Based Causal Loop Analysis to Advance Policy Planning</i> by Michael Lemke, Stephen F. Austin State University; Yorghos Apostolopoulos, Texas A&M University; Kristen Hassmiller Lich, Univ of North Carolina Chapel Hill; Adam Barry, Texas A&M University; Alex Russell, Texas A&M University; Jameisha Brown, Texas A&M University		

<i>Collaborative Systems Thinking to Teach Old (And Young!) Dogs New Tricks: Triggering Better Decisions to Reduce Alcohol Misuse Among College Students</i> by Michael Lemke, Stephen F. Austin State University; Yorghos Apostolopoulos, Texas A&M University; Kristen Hassmiller Lich, Univ of North Carolina Chapel Hill; Adam Barry, Texas A&M University; Alex Russell, Texas A&M University; Jameisha Brown, Texas A&M University	Gold	Health
<i>A simulation study to shorten a long-term care period and to reduce national medical care expenditure in Japan</i> by Nobuo Nishi, National Inst of Health & Nutrition; Nayu Ikeda, National Institutes of Biomedical Innovation, Health and Nutrition; Takehiro Sugiyama, National Ctr for Global Health & Med; Kayo Kurotani, National Institutes of Biomedical Innovation, Health and Nutrition		
<i>Model-Based Risk Assessment to Clinical Risk Management Policies</i> by Mahdi Bastan, University of Tehran; Elaheh Zadfallah, University of Eyvanekey; Stefan Groesser, Bern University of Applied Sciences		
<i>The Journey Toward the Patient-Centered Medical Home: A Grounded, Dynamic Theory of Primary Care Transformation</i> by Andrada Tomoaia-Cotisel, RAND Corporation		
<i>The Empowered Patient Wants Shared Decision Making – How can System Dynamics Modeling Help?</i> by Misagh Faezipour, Middle Tennessee State University	Hot pink	Human Behavior
<i>Understanding adoption of food innovations: The case of insect-based products in the Netherlands</i> by Andrijana Horvat, Wageningen University and Research; Vincenzo Fogliano; Pieternel Luning, Wageningen University		
<i>Direct Action or Social Nudge: where are the effective policy levers for helping families select secondary (high) schools?</i> by Shaofeng Liu, Plymouth University; David Carter, Plymouth University; Jonathan Moizer, University of Plymouth		
<i>Procrastination Dynamics: A Study of Delay Tactics and Their Implications</i> by Wang Zhao, University of Bergen; Khaled Mohamed Soliman Gaafar, Bergen University - Univ Spon	Dark green	Learning/ Teaching
<i>Systems thinking and systems dynamics skills inquiry in an international master's program in Sustainable Resource Management</i> by Hans Kasperidus, Helmholtz Centre for Environmental Research - UFZ; Peter Biber, Technische Universität München		
<i>Analytical sociology for sociotechnical transition research: Bridging case study and system dynamics</i> by George Papachristos, University College London	Light yellow	Methodology
<i>Lessons learned in modeling processes within research projects</i> by Jose Mari Sarriegi, Tecnun - University of Navarra; Marta Iturriza, TECNUN, UNIVERSITY OF NAVARRA; Leire Labaka, Tecnun		
<i>Approximating Network Dynamics in the Classic Maya Collapse</i> by Pascal Gambardella, Emerging Perspectives LLC; John Hayward, University of South Wales; Erika Palmer, Ruralis; Dana Ilmari Polojarvi, Maine Maritime Academy		
<i>Rethinking of Continuous Models with Approximate Discrete Calculations in Simulation Software</i> by Yutaka Takahashi, School of Commerce, Senshu University		
<i>A dynamic model of psychological fatigue in the process of low carbon home retrofit</i> by Yekatherina Bobrova, University College London; George Papachristos, University College London; Nici Zimmermann, University College London		
<i>Tackling Grand Challenges with Multi-Scale System Dynamics Modelling and Simulation</i> by Erik Pruyt, Delft University of Technology; Stefan Wigman, Delft University of Technology; Willem Auping, Delft University of Technology; Mikhail Sirenko, Delft University of Technology; Ioannis Papadogeorgos, Delft University of Technology; Connor McMull, TU Delft; Aashna Mittal, Delft University of Technology; Thomas Hebbink, Delft University of Technology; Shajeeshan Lingeswaran, Delft University of Technology; Sandy Caskie, Delft University of Technology; Gabriel Escobar, Delft University of Technology; Daniel van Bilsen, Delft University of Technology; Oana Garbasevschi, TU Delft; Xi Chen, Delft University of Technology; Andreas Yunus, Delft University of Technology; Mohammad Ammar Faiq, Delft University of Technology; Yosira Jawata, Delft University of Technology; Antonios Karampekios, TU Delft; Mark Hupkens, Delft University of Technology; Reza Hesani, Delft University of Technology; Erin Bartholomew, Delft University of Technology		
<i>A Comparative Analysis of Alternative Designs for Automated Clustering SD Model Output</i> by Mert Edali, Yildiz Technical University; Gönenç Yucel, Bogaziçi University		
<i>Newly-Developed Methods For System Dynamics Modeling -Grounding Simulation Model Development & Validation In Mental Data</i> by Andrada Tomoaia-Cotisel, RAND Corporation	White	Operations
<i>Project management operations and building performance in the construction industry: A multi method approach applied in a UK public office building</i> by George Papachristos, University College London; Nici Zimmermann, University College London; Michael Davies, University College London; Dejan Mumovic, University College London; Esfandiar Burman, University College London; Nishesh Jain, University College		

<i>Performance of the Structure in the Fresh Food Supply Chains</i> by Javier Orjuela Castro, Universidad Distrital Francisco José; Milton M. Herrera, Universidad Piloto de Colombia; Wilson Adarme Jaimes, Universidad Nacional de Colombia	White	Operations
<i>Effects of leakage on air heater thermal performance</i> by Lungile Ntonyane, Eskom; Naledi Memela, Eskom		
<i>Towards the low carbon transition in the construction industry: A multi-method framework of project management operations and total building performance</i> by George Papachristos, University College London; Esfandiar Burman, University College London; Nishesh Jain, University College London; Nici Zimmermann, University College London; Dejan Mumovic, University College London; Michael Davies, University College		
<i>Craft Brewers Versus the Macros: Competing Supply Chain Designs in the Beer Industry</i> by Samuel Allen, Worcester Polytechnic Institute		
<i>Skills Mismatch and Information and Communications Technology Manpower Shortage in Singapore</i> by Eng Seng Chia, National University of Singapore; Jakkarin Sae-Tiew, National University of Singapore; Chi Shien Tay, National University of Singapore; Wei Xiang Tan, National University of Singapore; Aaron Lim, National University of Singapore; Jaron Chan	Light yellow	Public Policy
<i>Capability Traps Impeding Homeless Services: A Community Based System Dynamics Evaluation</i> by Katherine Marcal, Washington University in St Louis; Patrick Fowler, Washington University; Peter Hovmand, Washington University in St Louis; Saras Chung, SkipNV/Washington University in St Louis; Kenneth Wright		
<i>Drawing Insights from a Small Model and Statistical Data of the US Economy</i> by Pascual Cravaack, ; Bo Hu, University of Federal Forces Munich; Martin Gawliczek, Universitat der Bundeswehr Munchen		
<i>The curse of low human development</i> by Hamilton Carvalho, Universidade de São Paulo; Joaquim Santos, Universidade de São Paulo; Eduardo Franco, Escola Politénica - USP; José Mazzon, Universidade de São Paulo		
<i>Analysis of the Dynamic Developments in the Local Lodging and Rental Housing Market in Lisbon</i> by Gian Wieck, European Master in System Dynamics; Andres Montellano Zuna, European Master in System Dynamics		
<i>The merry-go-round of electrification programmes: potential pitfalls when only using electricity access as indicator for electrification</i> by Elias Hartvigsson, Chalmers University of Technology; Fabio Riva, Politecnico di Milano; Emanuela Colombo, Politecnico di Milano; Jimmy Ehnberg, Chalmers University of Technology		
<i>The Drivers of Livestock Productivity in Nigeria</i> by Kelechi Odoemena, University of Ibadan; Olubunmi Alawode, Department of Agricultural Economics, University of Ibadan; Jeffrey Walters, Universidad Diego Portales		
<i>A Conceptual Model of Real System Age</i> by James Enos, United States Military Academy; Roshanak Nilchiani, School of Systems and Enterprises		
<i>Analysis of Korean Housing Policy Based on Policy Mechanism</i> by In-Seok Yoon, Seoul National University; Hyun-Soo Lee, Seoul National University; Moonseo Park, Seoul National University		
<i>Framing alternative policies to achieve university mission: a case study of a Chinese regional university</i> by Robert Zhenping Zhang, University of Palermo, Italy; Beijing University of Posts and Telecommunications, China; Haiyan Yan, Shanghai Univ of Intl Business & Econ; Jiayin Qi, Shanghai Univ of Intl Bus and Econ; Enzo Bivona, University of Palermo		
<i>Climate Change Mitigation from Brick Industry in India</i> by Priyanka Jajal, Indian Institute of Technology Bombay; Trupti Mishra, Indian Institute of Technology Bombay; Chandra Venkataraman		
<i>Fairnes in the Beer Distribution Game</i> by Ivan Đula, University of Stuttgart; Andreas Groessler, University of Stuttgart		
<i>Simulating transport and societal effects of automated vehicles</i> by Paul Pfaffenbichler, Institute of Transport Studies, University of Natural Resources and Life Sciences; Astrid Guehnemann, Institute for Transport Studies; Guenter Emberger, Vienna University of Technology; Simon Shepherd, Institute for Transport Studies		
<i>Crime Prevention Agenda: do not expect different results while doing the same</i> by Gloria Perez Salazar, Tecnológico de Monterrey; Pedro Torres Estrada, Tecnológico de Monterrey; Genesis Mendoza, Tecnológico de Monterrey; Estefania Bojorquez, Tecnológico de Monterrey		
<i>Scaling Up Services within the Child Welfare System: Policy Insights from Simulation Modeling</i> by Katherine Marcal, Washington University in St Louis; Patrick Fowler, Washington University; Saras Chung, SkipNV/Washington University in St Louis; Peter Hovmand, Washington University in St Louis; Melissa Jonson-Reid		
<i>Comparing online with paper pencil testing mode when solving stock flow problems using different problem solving strategies</i> by Vivien Lungwitz, Technische Universität Chemnitz		
<i>Understanding Feedback in the Transition to Electric Vehicles: Insights from the Markets in Norway and the Netherlands</i> by Sebastiaan Deuten, DynaMundo & European Commission JRC; Jonatan Gomez Vilchez, Joint Research Centre		

<i>Modelling Land Use in Megacities under Deep Uncertainty: A Case of Jakarta</i> by Gurvinderpal Singh Arora, Delft University of Technology; Rizky Januar, TU Delft	Light yellow	Public Policy
<i>ROADMAP FOR THE FORMULATION OF SPACE POLITICS OF A DEVELOPING COUNTRY USING SYSTEM DYNAMICS</i> by Edgar Gutierrez, University of Central Florida; Giovanni Corredor, Universidad de La Sabana; Luis Rabelo, University of Central Florida		
<i>Analysis of China's Oil Supply, Demand, and Foreign Dependence</i> by Lin Cai, Renmin University of China	Aqua	Resources
<i>Integrating flood safety simulation and policy beliefs</i> by Raphael Klein, EPFL; Jill Slinger, Delft University of Technology		
<i>Meat or vegetarian? - A model-based analysis of the global diet change dynamics</i> by Sibel Eker, International Institute for Applied Systems Analysis		
<i>Dynamics of global Dairy Sector: model evaluation and new calibrations using FAOSTAT data.</i> by Luis Tedeschi, Texas A&M University; Alberto Stanislao Atzori, University of Sassari		
<i>The Dynamics of Food Waste in Relation to Consumption, Production, and Shopping Patterns</i> by Elif Cansu Akoguz, Bogazici University; Nefel Tellioglu, Bogaziçi University; Yaman Barlas, Bogaziçi University		
<i>Modeling neodymium material flows in Germany with the purpose of establishing a recycling chain</i> by Simeon Vogt, University of Stuttgart; Meike Tilebein, University of Stuttgart		
<i>Sustainability of surplus food redistribution systems</i> by Aliaksandr Daradzeika, Bergen University; Nuno Videira, New University of Lisbon/CENSE; Krystyna Stave, University of Nevada Las Vegas		
<i>Investing in Electrical Storage Technologies</i> by Maximilian Happach, Institute for Diversity Studies in Engineering, University of Stuttgart; Meike Tilebein, University of Stuttgart		
<i>Testing Development Roadmaps: Portugal's Crescimento Verde</i> by Alec Eckert, European Master in System Dynamics; Amanda Karapici, European Master in System Dynamics		
<i>Modelling a climate-related causal story on the emergence of the Darfur War in Sudan</i> by Igor Oliveira, EMSD	Pink	Security
<i>Robustness Estimation of the Seismic-Damaged Electric Power System in the Context of Failure Propagation</i> by Seulbi Lee, Seoul National University; Moonseo Park, Seoul National University; Hyun-Soo Lee, Seoul National University		
<i>Resolving the Sageman-Hoffman Debate on Terrorist Radicalization</i> by Timothy Clancy, WPI		
<i>Stakeholder Interaction Theory: Merging Goal Mapping, Stakeholder Analysis, and Feedback Mapping</i> by George Richardson, University at Albany; David Andersen, University at Albany; Colin Eden, University of Strathclyde; Fran Ackermann, Curtin University	Lt. Blue	Stakeholder Eng.
<i>DRIVERS IMPACTING BATTERY ELECTRIC VEHICLE MONTHLY REPAYMENTS</i> by Nalini Sooknanan Pillay, Eskom Research, Testing & Development; Josephine Musango, Stellenbosch University; Alan Brent, Stellenbosch University	Orange	Strategy
<i>The Dynamics of Related Acquisitions; Downsizing Magnitude, Timing, and Employee Engagement</i> by Vincent de Gooyert, Radboud University; Andreas Groessler, University of Stuttgart; Rick Aalbers, Institute for Management Research Rad		
<i>A new insecure-secure diffusion archetype to model complex anthropocentric systems</i> by David Zelinka, University of Colorado Boulder; Bernard Amadei, University of Colorado		
<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> by Mehdi Moghadam Manesh, Bergen University - Univ Spon; Gholamreza Eslamifar, Sharif University of Technology		
<i>Analyzing the effects of awareness in the city resilience building process</i> by Marta Iturriza, TECNUN, UNIVERSITY OF NAVARRA; Leire Labaka, Tecnun; Jose Mari Sarriegi, Tecnun - University of Navarra		
<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> by Tim Hettesheimer, Fraunhofer ISI		