



2017 Summer Simulation Multi-Conference (SummerSim 2017)

49th Summer Computer Simulation Conference (SCSC 2017)

July 9 - 12, 2017 | Bellevue, Seattle Suburb, Washington, USA

MODELING AND SIMULATION FOR SUSTAINABILITY (MSS'17)

TRACK CHAIRS

- Björn Johansson, Chalmers University of Technology, Sweden, bjorn.johansson@chalmers.se
- Mahesh Mani, Dakota Consulting Inc., USA, mahesh.mani@dakota-consulting.com

AIMS AND SCOPE

The track Modeling and Simulation for Sustainability calls for contributions dealing with theory and practice on applying sustainability metrics in modeling and simulation.

We seek papers addressing the role of modeling and simulation by incorporating social, economic or eco-logic aspects of sustainability for decision-making. Individual contributions could range from theoretical approaches such as sustainability awareness and sustainability frameworks, to more applied research such as sustainability metrics, sustainability indicators, sustainability monitoring in production, supply chain or even complete lifecycles. A multidisciplinary approach to problem solving will be of particular interest to this track where two or more aspects on sustainability are combined in order to holistically understand/analyse the system at hand.

TOPICS

Examples could be but are not limited to combinations of two or more of the following:

- Economical: Cost calculations, marketing, OEE, performance metrics.
- Social: Workplace design, ergonomics, social wellbeing, Social LCA.
- Environmental: LCA, Simplified LCA, Carbon footprint, ECO labeling etc.

Papers are solicited to address the above and related areas with focus on both the underlying methodological and theoretical foundations and practical applications.

SUBMISSION GUIDELINES

For submission guidelines go to <http://scs.org/authorskit/>. Papers should be submitted through the following link: <http://www.softconf.com/sim/SCSC17/>.