

# SUMMERSIM'19

2019 Summer Simulation Conference

## AIMS AND SCOPE

### **Work in Progress (WIP)**

**Track Chair:** Ken Vanherpen

We are seeking original submissions for presentation in a **Work in Progress (WIP)** session at the Summer Computer Simulation (SummerSim-SCSC). These papers should present work that is currently in progress or not yet ready for full-length articles.

Student papers are especially welcome as this track provides an excellent forum for Graduate students to showcase and get feedback for thesis, project or dissertation work. All papers will undergo a review by the Symposium Chairs and accepted papers in this track will also be published in the SummerSim conference proceedings.

## TOPICS

The submission of papers for the WIP session at SummerSim'19 is encouraged in any modeling and simulation related areas including, but not limited to, the following ones:

- Computer/Communication Networks with Special Emphasis on Modeling and Simulation
- Numerical Simulation and Optimization as Applied to Business and Industry
- Use of Modeling and Simulation in the Area of Computer Security
- Modeling and Simulation in the area of Cyber Physical Systems
- Modeling and Simulation related to Image/Video Compression/Processing and Robotic Vision
- Any Aspect of Modeling and Simulation related to the Military Modeling, Analysis and
- Simulation of Telecommunication Systems
- Web-based Modeling and Simulation
- Modeling and Simulation as a Service
- High-Performance Computing and Simulation
- Network/Internet Traffic Modeling and Workload Characterization
- Simulation Languages, Tools, and Environments
- Simulation Verification, Validation, and Accreditation
- Simulation of Parallel Systems, Distributed Systems and Databases
- Simulation of Clusters, Grids and Wireless Systems
- Simulation of Multimedia Applications and Systems
- Modeling and Simulation of Real-Time and Embedded Systems
- Simulation Methodology, Theory and Philosophy
- Parallel and Distributed Simulators and Simulation Techniques
- Application of Modeling and Simulation in Biology
- Discrete Event Modeling and Simulation
- Domain-specific Modeling and Simulation (e.g., space, TLC, healthcare, transportation, finance, etc.)