

Sunday Registration (5th Floor Foyer) – 8:00-10:00 (Badge pickup for pre-registered attendees only)

| Summer Simulation 2016 Multi-Conference | | | |
|---|---------------------------|---|---------------------------------|
| Sunday 24th July | | | |
| Time | Block | | |
| 09:00-10:30 | Tutorial Block I | On the Basics of Model-Free Stock Trading Including | B. Ross Barnish, University of |
| 10:30-12:00 -> 14: | Tutorial Block II | The Micro Simulation Tool (MIST) How to create basic | Jacob Barhak |
| 13:30-15:00:30 | Tutorial Block V | Continuous modelling simulation | Roberto Cianci and Agostino |
| 12:00-13:30 | LUNCH | | |
| 13:30-15:00 | Tutorial Block III | Bioinformatics Knowledge Modeling Framework | Mercour Massoud-Yasse, Gaire |
| 15:30-17:00 | Tutorial Block IV | Intelligent Transportation Systems and Vehicular Ad Hoc | Florian De Rango, University of |
| 15:00-17:00:17:00 | Tutorial Block IV | Getting Started with Bond Graph Method for Modeling | Jose-J. Granda |

Sunday Welcome Mixer (Reporter Bar – 3rd floor at Westin Montreal) - 17:30-18:30

Monday Registration (5th Floor Foyer) – 7:00-17:00

| Summer Simulation 2016 Multi-Conference | | | | | | | |
|---|--------------------------|---|--------------------|------------------|------------------------------------|--------------------------------|-------------------------------------|
| Monday 25th July | | | | | | | |
| Time | Session Block | | | | | | |
| 08:00-08:30 | Welcome | Welcome and Opening | | | | | John A. Sokolowski/Florian De Rango |
| 08:30-09:15 | Keynote | Value Drivers in a Changing Landscape of Modeling & Simulation | | | | Pieter | |
| 09:15-10:00 | 2/Plenary(Room | Recent Advances on Discrete-Event Modeling and Simulation for Development of Embedded and Real-Time Systems | | | | Gabriel Wainer | |
| 10:00-10:30 | BREAK (Room 524BC) | | | | | | |
| 10:30-12:00 | Session Block I | ICBGM (Room 525B) | SPECTS (Room 525A) | GCMS (Room 523B) | GENERAL - MSS (Room 523A) | EMS (Room 521C) | |
| 12:00-13:30 | LUNCH | | | | | | |
| 13:30-15:30 | Session Block II | ICBGM (Room 525B) | SPECTS (Room 525A) | GCMS (Room 523B) | GENERAL - MSES & Cyber (Room 523A) | EMS (Room 521C) | |
| 15:30-16:00 | BREAK (Room 524BC) | | | | | | |
| 16:00-17:30 | Session Block III | ICBGM (Room 525B) | SPECTS (Room 525A) | GCMS (Room 523B) | GENERAL - SLSCS (Room 523A) | Student Colloquium (Room 521C) | |



Monday Evening Social (Room 524BC) - 17:30-19:00

Monday Registration (5th Floor Foyer) – 7:00-17:00

| Summer Simulation 2016 Multi-Conference | | | | | | |
|---|---|--|--------------------|------------------|---------------------------------|-----------------|
| Tuesday 26th July | | | | | | |
| Time | Session Block | | | | | |
| 08:30-09:15 | Keynote 3/Plenary (Room 524A) | Cloud Computing – Issues, Trends, Problems and Solutions | | Helen Karatza | | |
| 09:15-10:00 | 4/Plenary(Room | Co-simulation: Serving Multiple Masters | | Hans Vanabejuwe | | |
| 10:00-10:30 | BREAK (Room 524BC) | | | | | |
| 10:30-12:00 | Session Block IV | ICBGM (Room 525B) | SPECTS (Room 525A) | BMPM (Room 523B) | GENERAL - SDF (Room 523A) | V&V (Room 521C) |
| 12:00-13:30 | LUNCH + Awards (Room 524BC) | | | | | |
| 13:30-15:30 | Session Block V | ICBGM (Room 525B) | SPECTS (Room 525A) | BMPM (Room 523B) | GENERAL - SDF & ADS (Room 523A) | V&V (Room 521C) |
| 15:30-16:00 | BREAK (Room 524BC) | | | | | |
| 16:00-17:30 | Session Block VI | ICBGM (Room 525B) | SPECTS (Room 525A) | BMPM (Room 523B) | GENERAL - ADS (Room 523A) | WIP (Room 521C) |

Monday Registration (5th Floor Foyer) – 7:30-15:00

| Summer Simulation 2016 Multi-Conference | | | | | | |
|---|--------------------------|---|--------------------|---------------------|------------------------------|----------------|
| Wednesday 27th July | | | | | | |
| Time | Session Block | | | | | |
| 08:30-09:15 | 5/Plenary(Room | Connected Vehicles Meet Smart Transportation for Smart Cities | | zzedineBoukerche | | |
| 09:15-10:00 | 6/Plenary(Room | The Role of Bond Graphs in Modeling Cyber-physical Systems | | François E. Cellier | | |
| 10:00-10:30 | BREAK (Room 524BC) | | | | | |
| 10:30-12:30 | Session Block VII | ICBGM (Room 525B) | SPECTS (Room 525A) | CGS (Room 523B) | GENERAL - MSIAAS (Room 523A) | WIP(Room 521C) |
| 12:30-14:00 | LUNCH | | | | | |
| 14:00-15:30 | Session Block VII | ICBGM (Room 525B) | SPECTS (Room 525A) | CGS (Room 523B) | | |
| 15:30-16:00 | BREAK (Room 524BC) | | | | | |
| 16:00-17:30 | Session Block IX | ICBGM (Room 525B) | SPECTS (Room 525A) | | | |

| | | |
|---------------|---|-------------------------------------|
| Legend |  | To be scheduled by Track organizers |
| |  | Room not being used |

#NOME?

International Conference on Bond Graph Modeling (ICBGM)
ICBGM

| | | |
|---------|---|---------------------------------|
| Legend: | | To be scheduled by track chairs |
| | * | Best papers denoted by a star |
| | | Room not being used |

| Monday 25th | | | | | |
|-------------------|---------------------------------|---------------|-------------|---|--------------------|
| | | | | #NOME? | |
| AM and PM | | | | PRESENTATIONS | |
| | | | | International Conference on Bond Graph Modeling (ICBGM) | |
| Time | Session Block | Session Chair | Slot Number | Paper Title | Authors/Presenter |
| 10:30-11:00 | Session Block I (Room TBD) | Chair | #NOME? | Title | Authors/Presenters |
| 11:00-11:30 | | | #NOME? | Title | Authors/Presenters |
| 11:30-12:00 | | | #NOME? | Title | Authors/Presenters |
| 12:00-13:30 LUNCH | | | | | |
| 13:30-14:00 | Session Block II (Room TBD) | Chair | #NOME? | Title | Authors/Presenters |
| 14:00-14:30 | | | #NOME? | Title | Authors/Presenters |
| 14:30-15:00 | | | #NOME? | Title | Authors/Presenters |
| 15:00-15:30 | | | #NOME? | Title | Authors/Presenters |
| 15:30-16:00 BREAK | | | | | |
| 16:00-16:30 | Session Block III (Room TBD) | Chair | #NOME? | Title | Authors/Presenters |
| 16:30-17:00 | | | #NOME? | Title | Authors/Presenters |
| 17:00-17:30 | | | #NOME? | Title | Authors/Presenters |

| Tuesday 26th | | | | | |
|-------------------|--------------------------------|---------------|-------------|---|--------------------|
| | | | | #NOME? | |
| AM and PM | | | | PRESENTATIONS | |
| | | | | International Conference on Bond Graph Modeling (ICBGM) | |
| Time | Session Block | Session Chair | Slot Number | Paper Title | Authors/Presenter |
| 10:30-11:00 | Session Block IV (Room TBD) | Chair | #NOME? | Title | Authors/Presenters |
| 11:00-11:30 | | | #NOME? | Title | Authors/Presenters |
| 11:30-12:00 | | | #NOME? | Title | Authors/Presenters |
| 12:00-13:30 LUNCH | | | | | |
| 13:30-14:00 | Session Block V (Room TBD) | Chair | #NOME? | Title | Authors/Presenters |
| 14:00-14:30 | | | #NOME? | Title | Authors/Presenters |
| 14:30-15:00 | | | #NOME? | Title | Authors/Presenters |
| 15:00-15:30 | | | #NOME? | Title | Authors/Presenters |
| 15:30-16:00 BREAK | | | | | |
| 16:00-16:30 | Session Block VI (Room TBD) | Chair | #NOME? | Title | Authors/Presenters |
| 16:30-17:00 | | | #NOME? | Title | Authors/Presenters |
| 17:00-17:30 | | | #NOME? | Title | Authors/Presenters |

| Wednesday 27th | | | | | |
|-------------------|-------------------------------|---------------|-------------|---|--------------------|
| | | | | #NOME? | |
| AM and PM | | | | PRESENTATIONS | |
| | | | | International Conference on Bond Graph Modeling (ICBGM) | |
| Time | Session Block | Session Chair | Slot Number | Paper Title | Authors/Presenter |
| 10:30-11:00 | Session Block VII (Room TBD) | Chair | #NOME? | Title | Authors/Presenters |
| 11:00-11:30 | | | #NOME? | Title | Authors/Presenters |
| 11:30-12:00 | | | #NOME? | Title | Authors/Presenters |
| 12:00-12:30 | | | #NOME? | Title | Authors/Presenters |
| 12:30-14:00 LUNCH | | | | | |
| 14:00-14:30 | Session Block VIII (Room TBD) | Chair | #NOME? | Title | Authors/Presenters |
| 14:30-15:00 | | | #NOME? | Title | Authors/Presenters |
| 15:00-15:30 | | | #NOME? | Title | Authors/Presenters |
| 15:30-16:00 BREAK | | | | | |
| 16:00-16:30 | Session Block IX (Room TBD) | Chair | #NOME? | Title | Authors/Presenters |
| 16:30-17:00 | | | #NOME? | Title | Authors/Presenters |
| 17:00-17:30 | | | #NOME? | Title | Authors/Presenters |

#NOME?

| | | |
|---------|---|---------------------------------|
| Legend: | | To be scheduled by track chairs |
| | * | Best papers denoted by a star |
| | | Room not being used |

International Symposium on Performance Evaluation of Computer and Telecommunication Systems (SPECTS)
SPECTS

| Monday 25th | | | | | |
|--|---|---------------|-------------|--|---------------------|
| #NOME? | | | | | |
| AM and PM | | | | PRESENTATIONS | |
| International Symposium on Performance Evaluation of Computer and Telecommunication Systems (SPECTS) | | | | | |
| Time | Session Block | Session Chair | Slot Number | Paper Title | Authors/Presenter s |
| 10:30-11:00 | Session I: Wireless Communications and Networking (I) | Chair | #NOME? | Signaling Overhead and Feedback Delay Reduction in Heterogeneous Multicell Cooperative Networks | Authors/Presenters |
| 11:00-11:30 | | | #NOME? | Improved Self Pruning for Broadcasting in Ad Hoc Wireless Network | Authors/Presenters |
| 11:30-12:00 | | | #NOME? | Bandwidth and Power Efficiency Analysis in Fading Communication Link | Authors/Presenters |
| 12:00-13:30 | LUNCH | | | | |
| 13:30-14:00 | Session II: Scheduling in cloud computing | Chair | #NOME? | Optimizing the Energy Efficient VM Placement by IEFWA and Hybrid IEFWA/BBO Algorithms | Authors/Presenters |
| 14:00-14:30 | | | #NOME? | Autonomic Scheduling of Deadline-Constrained Bag of Tasks in Hybrid Clouds | Authors/Presenters |
| 14:30-15:00 | | | #NOME? | A Priority Based Resource Scheduling Technique for Multitenant Storm Clusters | Authors/Presenters |
| 15:00-15:30 | | | #NOME? | Scheduling Real-Time Parallel Applications in SaaS Clouds in the Presence of Transient Software Failures | Authors/Presenters |
| 15:30-16:00 | BREAK | | | | |
| 16:00-16:30 | Session III: Modeling, Analysis, Simulation and Performance Evaluation (I) | Chair | #NOME? | Integrated fuzzy analytic hierarchy process and VIKOR method in the performance evaluation system | Authors/Presenters |
| 16:30-17:00 | | | #NOME? | Coordination Techniques of Mobile Robots with Energy Constraints | Authors/Presenters |
| 17:00-17:30 | | | #NOME? | Consensus in Dynamic Networks with Hybrid Faults | Authors/Presenters |

| Tuesday 26th | | | | | |
|--|--|---------------|-------------|--|---------------------|
| #NOME? | | | | | |
| AM and PM | | | | PRESENTATIONS | |
| International Symposium on Performance Evaluation of Computer and Telecommunication Systems (SPECTS) | | | | | |
| Time | Session Block | Session Chair | Slot Number | Paper Title | Authors/Presenter s |
| 10:30-11:00 | Session IV: Wireless Communications and Networking (II) | Chair | #NOME? | Distributed Cached and Segmented Video Download for Video Transmission in Cellular Networks | Authors/Presenters |
| 11:00-11:30 | | | #NOME? | Evaluation of Capacity and Power Efficiency in Millimeter-Wave Bands | Authors/Presenters |
| 11:30-12:00 | | | #NOME? | Using Elected Coordination Stations for CSI Feedback on CoMP Downlink Transmissions | Authors/Presenters |
| 12:00-13:30 | LUNCH | | | | |
| 13:30-14:00 | Session V: Modeling, Analysis, Simulation and Performance Evaluation (II) | Chair | #NOME? | A Cloud-based Service for Generating ns-3 Network Simulation Programs | Authors/Presenters |
| 14:00-14:30 | | | #NOME? | A Generic and Open Simulation Tool for Large Multi-tiered Hierarchical Storage Systems | Authors/Presenters |
| 14:30-15:00 | | | #NOME? | Simulating Node Selfishness in Opportunistic Networks | Authors/Presenters |
| 15:00-15:30 | | | #NOME? | Title | Authors/Presenters |
| 15:30-16:00 | BREAK | | | | |
| 16:00-16:30 | Session VI: Security Protocols and Techniques | Chair | #NOME? | Enhanced User Security and Privacy Protection in 4G LTE Network | Authors/Presenters |
| 16:30-17:00 | | | #NOME? | Software-based Computing Platform as an Experimental Topology Assembled to Detect and Mitigate DDoS Attacks using Virtual Environments | Authors/Presenters |
| 17:00-17:30 | | | #NOME? | Meaningful Attack Graph Reconstruction Through Stochastic Marking Analysis | Authors/Presenters |

| Wednesday 27th | | | | | |
|--|---|---------------|-------------|---|---------------------|
| #NOME? | | | | | |
| AM and PM | | | | PRESENTATIONS | |
| International Symposium on Performance Evaluation of Computer and Telecommunication Systems (SPECTS) | | | | | |
| Time | Session Block | Session Chair | Slot Number | Paper Title | Authors/Presenter s |
| 10:30-11:00 | Session VII: Quality in multimedia systems and networks | Chair | #NOME? | DASH-based Peer-to-Peer Video Streaming in Cellular Networks | Authors/Presenters |
| 11:00-11:30 | | | #NOME? | Subjective Video Quality Assessment of VP9 Compression Standard for Full HD Resolution | Authors/Presenters |
| 11:30-12:00 | | | #NOME? | Employing the Neural Networks to Parametrically Assess the Quality of a Voice Call | Authors/Presenters |
| 12:00-12:30 | | | #NOME? | Title | Authors/Presenters |
| 12:30-14:00 | LUNCH | | | | |
| 14:00-14:30 | Session VIII: Energy efficiency in networking systems and IoT | Chair | #NOME? | Performance Evaluation of Energy Saving MAC Protocols in WSN Operating Systems | Authors/Presenters |
| 14:30-15:00 | | | #NOME? | Energy aware Communication between Smart IoT Monitoring Devices | Authors/Presenters |
| 15:00-15:30 | | | #NOME? | A Dynamic Monitoring for Energy Consumption Reduction of a Trust-Based Intrusion Detection System in Mobile Ad-hoc Networks | Authors/Presenters |
| 15:30-16:00 | BREAK | | | | |
| 16:00-16:30 | in Block IX(Room | Chair | #NOME? | Title | Authors/Presenters |
| 16:30-17:00 | | | #NOME? | Title | Authors/Presenters |
| 17:00-17:30 | | | #NOME? | Title | Authors/Presenters |

#NOME?

General Track (GEN)
GEN

| | | |
|---------|---|---------------------------------|
| Legend: | | To be scheduled by track chairs |
| | * | Best papers denoted by a star |
| | | Room not being used |
| | | Paper not yet registered |

| Monday 25th | | | | | |
|-------------|--|-----------------|-------------|--|--|
| #NOME? | | | | | |
| AM and PM | | | | PRESENTATIONS | |
| | | | | General Track (GEN) | |
| Time | Session Block | Session Chair | Slot Number | Paper Title | Authors/Presenter s |
| 10:30-11:00 | Session Block I: Modeling and Simulation for Sustainability (Room TBD) | Björn Johansson | MSS_I.1 | Second Order GDEVS Abstraction of Electronic Circuits | Nesrine Driouche, Maamar El Amine |
| 11:00-11:30 | | | MSS_I.2 | A Simplified Hourly Calculation Code to Evaluate the Buildings Heating Load: A Case Study for Italian Climatic Conditions | Natale Arcuri, Roberto Bruno and |
| 11:30-12:00 | | | MSS_I.3 | A Simulation Approach to the Decision Making Structures Analysis to Support Curriculum Quality for Higher Education Sustainability (WIP) | Anatoly Kurkovsky |
| 12:00-13:30 | LUNCH | | | | |
| 13:30-14:00 | Session Block II: Modeling and Simulation for Environmental Systems - Cyber M&S, Ranges and Tools (Room TBD) | Zeljko Zilic | MSES_II.1 | Solving On-Demand Transport Problem through Negotiation | Anas Malas, Salah El Falou, Mohamad |
| 14:00-14:30 | | | MSES_II.2 | Modeling of responsible supply chain management in industry: Industrial pollution and its effects | FATIMA ZAKIR, ALI REHMAN and |
| 14:30-15:00 | | | Cyber_II.3 | The Impact of Hierarchy on Bluetooth-Based Malware Spread in Mobile Tactical Networks | Brian Thompson and James Morris- |
| 15:00-15:30 | BREAK | | | | |
| 15:30-16:00 | BREAK | | | | |
| 16:00-16:30 | Session Block III: Simulation for Large Scale Computing | Levent Yilmaz | SLSCS_III.1 | Formal Verification of DEVS Simulation: Web Search Engine Model Case Study | Alonso Inostroza-Pajjas, Veronica Gil- |
| 16:30-17:00 | | | SLSCS_III.2 | * Critical Nodes Count Algorithm for Accurate Input Vectors Reliability Ranking | Walid Ibrahim and Hoda Amer |
| 17:00-17:30 | | | SLSCS_III.3 | Performance impact of packet multiplexing on massive multiplayer online games | Marwa Dammak, Yassine Boujelben, |

| Tuesday 26th | | | | | |
|--------------|--|-----------------------|-------------|--|--------------------------------------|
| #NOME? | | | | | |
| AM and PM | | | | PRESENTATIONS | |
| | | | | General Track (GEN) | |
| Time | Session Block | Session Chair | Slot Number | Paper Title | Authors/Presenter s |
| 10:30-11:00 | Session Block IV: Simulation in the System Design Flow | Alberto A. Del Barrio | SDF_IV.1 | Simulating a Multicore Scheduler of Real-Time Control Systems in Simulink | Wei Li, Ramamurthy Mani, Prata |
| 11:00-11:30 | | | SDF_IV.2 | * A Distributed HW-SW Platform for Fireworks | Jesus Martin and Alberto Del Barrio |
| 11:30-12:00 | | | SDF_IV.3 | A Simulation-based Model Generator for Software Performance Estimation | Imane Hafnaoui, Rabah Avart |
| 12:00-13:30 | LUNCH | | | | |
| 13:30-14:00 | Session Block V: Simulation in the System Design Flow - Agent-Directed Simulation (Room TBD) | Alberto A. Del Barrio | SDF_V.1 | Real-time hardware/software co-design using DEVS-based transparent M&S framework | José L. Risco-Martin, Saurabh |
| 14:00-14:30 | | | ADS_V.2 | * Metamorphic Validation for Agent-based Simulation Models | Megan Olsen and Mohammad Raunak |
| 14:30-15:00 | | | ADS_V.3 | Agent-Based Ecological Risk Simulation of Malware Epidemics in Tactical Mobile Ad Hoc Networks | James Morris-King |
| 15:00-15:30 | | | SDF_V.4 | Modelling and Simulation of Optical Integrated Networks for Early-Stage Design Exploration (WIP) | Felipe Gohring de Maasphaes, Fabiano |
| 15:30-16:00 | BREAK | | | | |
| 16:00-16:30 | Session Block VI: Agent-Directed Simulation (Room TBD) | Levent Yilmaz | ADS_VI.1 | Higher Order Synergies among Agents, Simulation, and Model-Driven Engineering | Levent Yilmaz |
| 16:30-17:00 | | | ADS_VI.2 | Understanding Impact of Stress on Workplace Outcomes Using an Agent Based Simulation | Mayuri Duggirala, Meghendra Singh, |
| 17:00-17:30 | | | ADS_VI.3 | Towards Modeling Factors that Enable an Attacker | Daniele Vernon-Bido, Jose Padilla, |

| Wednesday 27th | | | | | |
|----------------|--|--------------------|--------------|---|---|
| #NOME? | | | | | |
| AM and PM | | | | PRESENTATIONS | |
| | | | | General Track (GEN) | |
| Time | Session Block | Session Chair | Slot Number | Paper Title | Authors/Presenter s |
| 10:30-11:00 | Session Block VII: Modeling and Simulation for Intelligent, Adaptive and Autonomous Systems (Room TBD) | Marco Lützenberger | MSIAAS_VII.1 | DEVSMIL Studio: A framework for integrating domain-specific languages for discrete and continuous hybrid systems into DEVS-Based M&S environment. | Saurabh Mittal and José L. Risco-Martin |
| 11:00-11:30 | | | MSIAAS_VII.2 | A WESS-based Method for Anti-submarine Simulation through Planning Waypoints of Helicopter (WIP) | Zhi Zhu, Yifan Zhu, Yonglin Lei and Hessaam Sarjoughian |
| 11:30-12:00 | | | MSIAAS_VII.3 | Energy Consumption of Traditional Simulation Protocol Over Smartphone: An Empirical Study (WIP) | ASAD-MALIK, IMRAN MAHMOOD and ANKASH PERKASH |
| 12:00-12:30 | | | MSIAAS_VII.4 | Engineering IoT Applications by means of Software Technology and Computer-Aided Simulation (WIP) | Marco Lützenberger and Sahin Albayrak |

#NOME?Grand Challenges in Modeling & Simulation (GCMS)
GCMS

| | | |
|---------|---|---------------------------------|
| Legend: | | To be scheduled by track chairs |
| | * | Best papers denoted by a star |
| | | Room not being used |

| Monday 25th #NOME? | | | | | |
|---------------------------|---------------------------------|----------------------|-------------|--|----------------------|
| AM and PM | | | | PRESENTATIONS | |
| | | | | Grand Challenges in Modeling & Simulation (GCMS) | |
| Time | Session Block | Session Chair | Slot Number | Paper Title | Authors/Presenter |
| 10:30-11:00 | Session Block I (Room TBD) | Andrea D'Ambrogio | #NOME? | Multi-agent Systems for Air Traffic Conflicts Resolution by using a causal analysis of spatio- | Miquel Angel Piera, |
| 11:00-11:30 | | | #NOME? | * Modeling Decisions in Layered Queueing Networks | Lianhua Li and Greg |
| 11:30-12:00 | | | #NOME? | Simulation-based Schedulability Assessment for Real-Time Systems | Rabeh Ayari, Imane |
| 12:00-13:30 | LUNCH | | | | |
| 13:30-14:00 | Session Block II (Room TBD) | José L. Risco-Martin | #NOME? | Architecture-based Simulation for System Evaluation | Bahram Yousefi and |
| 14:00-14:30 | | | #NOME? | Simulating Restaurant Traffic Using Wi-Fi Data | Jennifer Polack, |
| 14:30-15:00 | | | #NOME? | * A Thermal driven floorplanning algorithm for three dimensional Network-on-Chip systems | Ranjita Kumari |
| 15:00-15:30 | | | #NOME? | Modeling-to-Simulation: Transformation Approaches to Boost Automation in Modeling & | Paolo Bocciarelli |
| 15:30-16:00 | BREAK | | | | |
| 16:00-16:30 | Session Block III (Room TBD) | Floriano De Rango | #NOME? | Resource-based Modeling and Simulation of Business Processes | Andrea D'Ambrogio |
| 16:30-17:00 | | | #NOME? | Modeling side-channel cache attacks on AES | Samira Briongos, |
| 17:00-17:30 | | | #NOME? | A Directional MAC module extending Omnet++ Simulator | Vincenzo Inzillo and |

#NOME?

Bio-Medical and Population Modeling (BMPM)
BMPM

| | | |
|---------|---|---------------------------------|
| Legend: | | To be scheduled by track chairs |
| | * | Best papers denoted by a star |
| | | Room not being used |
| | | Paper not yet registered |

| Tuesday 26th | | #NOME? | | | |
|-------------------|--------------------------------|--|-------------|---|--------------------|
| AM and PM | | PRESENTATIONS | | | |
| | | Bio-Medical and Population Modeling (BMPM) | | | |
| Time | Session Block | Session Chair | Slot Number | Paper Title | Authors/Presenter |
| 10:30-11:00 | Session Block IV (Room TBD) | Jacob Barhak | #NOME? | Population Modelling by Examples II | Robert Smith? |
| 11:00-11:30 | | | #NOME? | * The Kidney Transplant Process Model (KTPM): Simulation Tool for the Transplant | Christine Harvey |
| 11:30-12:00 | | | #NOME? | * A Mathematical model of Ebola Virus Disease: Using Sensitivity Analysis to | Danny Salem and |
| 12:00-13:30 LUNCH | | | | | |
| 13:30-14:00 | Session Block V (Room TBD) | Robin Gras | #NOME? | A Prediction Model to Identify Acute Myocardial Infarction (AMI) Patients at Risk for 30- | Carl Asche, Jinma |
| 14:00-14:30 | | | #NOME? | Simulation of Tumor Necrosis in Primary Melanoma | Adrian KLusek, |
| 14:30-15:00 | | | #NOME? | Smart wearable device for health monitoring in the Internet of Things domain | Amilcare Francesco |
| 15:00-15:30 | | | #NOME? | Creating populations with partnerships for large-scale agent-based models - a | Stefan Scholz, |
| 15:30-16:00 BREAK | | | | | |
| 16:00-16:30 | Session Block VI (Room TBD) | Robert Smith? | #NOME? | Ecological Effects of Cyclically Fluctuating Resources | Ryan Scott, Maryam |
| 16:30-17:00 | | | #NOME? | Investigating the Fidelity of an Improvement-Assessment Tool After One Vacuum Bell | Mohammad F. |
| 17:00-17:30 | | | #NOME? | Sharing Formats for Disease Models | Lucian Smith, |

#NOME?

Emergency Management Simulation (EMS)
EMS

| | | |
|----------------|---|---------------------------------|
| Legend: | | To be scheduled by track chairs |
| | * | Best papers denoted by a star |
| | | Room not being used |
| | | Paper not yet registered |

| Monday 25th #NOME? | | | | | |
|---------------------------|--|----------------|-------------|---|--------------------|
| AM and PM | | | | PRESENTATIONS | |
| | | | | Emergency Management Simulation (EMS) | |
| Time | Session Block | Session Chair | Slot Number | Paper Title | Authors/Presenter |
| 10:30-11:00 | Session Block I (Room TBD) | goandAgostinoB | #NOME? | Use of Simulation in Managing Reusable Medical Equipment Inventory in Surgical Services | Tannaz Khaleghi, |
| 11:00-11:30 | | | #NOME? | Simulating Campus Evacuation: Case of York University | Ali Asgary and |
| 11:30-12:00 | | | #NOME? | EXTENDED WIFI Network Formal Design Model for Ubiquitous Emergency Events | Zayan Elkhaled, |
| 12:00-13:30 LUNCH | | | | | |
| 13:30-14:00 | Session Block II (Room TBD) | goandAgostinoB | #NOME? | Stroke Prediction Context-Aware Health Care System | Hamid Mcheick |
| 14:00-14:30 | | | #NOME? | SURVEY of Health Care Context models; prototyping of healthcare context framework | Hicham Ajami, |
| 14:30-15:00 | | | #NOME? | Innovative Simulation for scenario Analysis and operational Planning | Agostino Bruzzone, |
| 15:00-15:30 | | | #NOME? | A Simulation of one Dimensional Contaminant Transport | Roberto Cianci, |

CGS

Computer Graphics for Simulation (CGS)
CGS

| | | |
|----------------|---|---------------------------------|
| Legend: | | To be scheduled by track chairs |
| | * | Best papers denoted by a star |
| | | Room not being used |
| | | Paper not yet registered |

| Wednesday 27th | | | | #NOME? | |
|--------------------|-------------------------------|---------------------|-------------|---|---------------------|
| AM and PM | | | | PRESENTATIONS | |
| | | | | Computer Graphics for Simulation (CGS) | |
| Time | Session Block | Session Chair | Slot Number | Paper Title | Authors/Presenters |
| 10:30-11:00 | Session Block VII (Room 100) | Andrea D'Ambrogio | #NOME? | Linking Virtual Environment Conceptual Model Descriptions | Lee Lacy, |
| 11:00-11:30 | | | #NOME? | * Centroidal Particles for Interactive Crowd Simulation | Omar Hesham and |
| 11:30-12:00 | | | #NOME? | GPU-Based Monte-Carlo Simulation for a Sea Ice Load Application | Sara Ayubian, Shadi |
| 12:00-12:30 | LUNCH | | | | |
| 12:30-14:00 | | | | | |
| 14:00-14:30 | Session Block VIII (Room 101) | José L. Risco Marti | #NOME? | Dynamic 3D Graph Visualizations in Julia | Chirag Jamadagni, |
| 14:30-15:00 | | | #NOME? | Real-time Anomaly Detection Along the Outer Walls of Circular Objects | Benjamin Staar, |
| 15:00-15:30 | | | #NOME? | | |

#NOME?

Verification and Validation of Computer Simulation Models (V&V)
V&V

| | | |
|---------|---|---------------------------------|
| Legend: | | To be scheduled by track chairs |
| | * | Best papers denoted by a star |
| | | Room not being used |
| | | Paper not yet registered |

| Tuesday 26th | | | | #NOME? | |
|-------------------|--------------------------------|--------------------|-------------|--|--------------------|
| AM and PM | | | | PRESENTATIONS | |
| | | | | Verification and Validation of Computer Simulation Models (V&V) | |
| Time | Session Block | Session Chair | Slot Number | Paper Title | Authors/Presenter |
| 10:30-11:00 | Session Block IV (Room TBD) | Gabriela Nicolescu | #NOME? | On Simulation-based Metrics that Characterize the Behavior of RTL Errors | Zisis Poulos, Ryan |
| 11:00-11:30 | | | #NOME? | Design of a Modeling and Validation Platform for Closed Loop Glucose Control | Ari Ramdial and |
| 11:30-12:00 | | | #NOME? | Adaptive Parametric Tuning of Glucose-Insulin Kinetics Models Using Multilayer Perceptrons | Ari Ramdial and |
| 12:00-13:30 LUNCH | | | | | |
| 13:30-14:00 | Session Block V (Room TBD) | Zeljko Zilic | #NOME? | Rollback-Based Simulation for the Design of Continuous/Discrete Simulation Tools | Luiza Gheorghe |
| 14:00-14:30 | | | #NOME? | Simulation & the Song Rule as Spotters and Validators of Analytical Results ---A Note | Wheyming Song |
| 14:30-15:00 | | | #NOME? | DEM Simulation of Enhancing Drilling Penetration using Vibration and Experimental Validation | Jinghan Zhong, |
| 15:00-15:30 | | | | | |

CimuSim

Work in Progress (WIP)
WIP

| | | |
|----------------|---|---------------------------------|
| Legend: | | To be scheduled by track chairs |
| | * | Best papers denoted by a star |
| | | Room not being used |
| | | Paper not yet registered |

| Tuesday 26th | | #NOME? | | | |
|--------------|--------------------------------|----------------------|-------------|---|--------------------|
| AM and PM | | | | PRESENTATIONS | |
| | | | | Work in Progress (WIP) | |
| Time | Session Block | Session Chair | Slot Number | Paper Title | Authors/Presenter |
| 16:00-16:30 | Session Block VI (Room TBD) | Andrea D'Ambrogio | #NOME? | Asynchronous Approximate Simulation Algorithm for Stream Processing Platforms (WIP) | Emilio Tapia, |
| 16:30-17:00 | | | #NOME? | 6 DoF Aircraft Simulation Model Capable of Handling Maneuver Events (WIP) | Seon Han Choi, Jun |
| 17:00-17:30 | | | #NOME? | Design of an Agent-Based Model to Predict Crime (WIP) | Raquel Rosés |
| 17:30-18:00 | | | #NOME? | Model and identification of a nonlinear servo-mechanical system (WIP) | Xiang Zhang, |

| Wednesday 27th | | #NOME? | | | |
|----------------|------------------------|--------------------|-------------|---|--------------------|
| AM and PM | | | | PRESENTATIONS | |
| | | | | Work in Progress (WIP) | |
| Time | Session Block | Session Chair | Slot Number | Paper Title | Authors/Presenters |
| 10:30-11:00 | Session Block VII(ROG) | Gabriela Nicolescu | #NOME? | Production logistics design and development support through simulation-based optimization | Enrique Ruiz |
| 11:00-11:30 | | | #NOME? | Developing an Interface between ANSYS and Abaqus to Simulate Blast Effects on High | Arash Ramezani, |
| 11:30-12:00 | | | #NOME? | Aural Spatial Mapping Tool: Constraining the Signal Sphere of Influence Validation (WIP) | Merate Barakat |
| 12:00-12:30 | | | #NOME? | The Use of Simulation in Determining Operational Needs (WIP) | Irene Collin and |