



# 2016 SUMMER SIMULATION MULTI-CONFERENCE

MONTREAL, QUEBEC, CANADA

**JULY 24-27TH, 2016 | PALAIS DES CONGRES DE MONTREAL (MONTREAL CONVENTION CENTER) | MONTREAL, QUEBEC, CANADA**

*'SCALABILITY, INTEROPERABILITY AND INTERDISCIPLINARY IN THE SIMULATION ART'*

The Summer Simulation Multi-Conference 2016 (SummerSim'16) is a combination of the Summer Computer Simulation Conference (SCSC), the International Symposium on Performance Evaluation of Computer and Telecommunications Systems (SPECTS), and International Conference on Bond Graph Modeling and Simulation (ICBGM). SummerSim is SCS's premier international conference in cooperation with ACM SIGSIM. The conference focuses on modeling and simulation, tools, theory, methodologies and applications and provides a forum for the latest R&D results in academia and industry. This year's focus is on the Role of Simulation Tools, Methodologies and Technologies in Scalable and Interoperable Cyber-Physical Systems and Interdisciplinary Issues for a Connected World. We encourage you to take this opportunity to experience the tutorials, tracks, and workshops that will be available.

[REGISTER FOR THIS EVENT](#)

PROCEEDINGS WILL BE SUBMITTED FOR INDEXATION BY:



## KEYNOTE INFORMATION

The Summer Simulation Multi-Conference 2016 (SummerSim'16) brings leading experts in various domains of Modeling and Simulation together.

- Pieter Mosterman:** Value Drivers in a Changing Landscape of Modeling & Simulation
- Hans Vangheluwe:** Co-simulation: Serving Multiple Masters
- Azzedine Boukerche:** Connected Vehicles Meet Smart Transportation for Smart Cities
- Gabriel Wainer:** Recent Advances on Discrete-Event Modeling and Simulation for Development of Embedded and Real-Time Systems
- Eleni Karatzá:** Cloud Computing – Issues, Trends, Problems and Solutions

## LIST OF SYMPOSIUMS, TRACKS & CALL FOR PAPERS

### SYMPOSIUMS

- International Conference on Bond Graph Modeling (ICBGM)**
  - Chairs: Jose J. Granda and Dean Karnopp
  - Call for Papers (Passed)
  - Submit Paper (Passed)
- International Symposium on Performance Evaluation of Computer and Telecommunication Systems (SPECTS 2016)**
  - Chairs: Franco Davoli and Stefano Giordano
  - Call for Papers (Passed)
  - Submit Paper (Passed)
- Summer Computer Simulation Conference (SCSC)**
  - Chairs: Floriano de Rango and José Luis Risco Martín
  - Call for Papers (Passed)
  - Submit Paper (Passed)

### SUB TRACKS:

- Agent-Directed Simulation (ADS)**
  - Chairs: Levent Yilmaz and Tuncer Oren
  - Call for Papers (Passed)
- Bio-Medical and Population Modeling (BMPM)**
  - Chairs: Jacob Barhak
  - Call for Papers (Passed)
- Computer Graphics for Simulation (CGS)**
  - Chairs: John F. Richardson and Rusty Husar
  - Call for Papers (Passed)
- Cyber M&S, Ranges, and Tools (Cyber)**
  - Chair: Suresh K. Damotaran
  - Call for Papers (Passed)
- Emergency Management Simulation (EMS)**
  - Chairs: Francesco Longo and Letizia Nicoletti
  - Call for Papers (Passed)
- Grand Challenges in Modeling and Simulation (GCMS)**
  - Chairs: Ali Elkamel, Chandramouli R. Madhuranthakam, Hedia Fgaier
  - Call for Papers (Passed)
- Modeling and Simulation for Intelligent, Adaptive and Autonomous Systems (MSIAAS)**
  - Chairs: Saurabh Mittal and Marco Lutzenburger
  - Call for Papers (Passed)
- Modeling and Simulation for Environmental Systems (MSES)**
  - Chairs: Ali Elkamel, Saad Al-Adwani
  - Call for Papers (Passed)
- Modeling and Simulation for Sustainability (MSS)**
  - Chair: Björn Johansson
  - Call for Papers (Passed)
- Simulation for Large Scale Computing Systems (SLSCS)**
  - Chairs: Ayse Kivicim Coskun and José L. Ayala
  - Call for Papers (Passed)
- Simulation in the System Design Flow (SDF)**
  - Chairs: Alberto A. Del Barrio and Seda Ogrencil Memik
  - Call for Papers (Passed)
- Verification and Validation of Computer Simulation Models (V&V)**
  - Chair: Miroslav Velev
  - Call for Papers (Passed)
- Work in Progress (WIP)**
  - Chairs: Andrea D'Ambrogio and Gabriela Nicolescu
  - Call for Papers (Passed)
- Student Colloquium**
  - Chairs: Miroslav Velev and Zeljko Zilic
  - Call for Papers (Passed)
  - Submit Paper (Passed)
  - Deadlines:
    - Abstract Submission: (Passed)
    - Notification of Acceptance: (Passed)
    - Camera-Ready: (Passed)
- Tutorial Track**
  - Chair: Jose Luis Risco Martín
  - Call for Tutorials

## TUTORIALS

- Bioinformatics Knowledge Modeling Framework (abstract)**  
Speakers: Dr. Morcouss Massoud Yassa
- The Micro Simulation Tool (MIST) How to create basic disease models (abstract)**  
Speaker: Dr. Jacob Barhak
- On the Basics of Model-Free Stock Trading Including Algorithms and Simulation (abstract)**  
Speaker: B. Ross Barmish
- Continuous Modelling Simulation (abstract)**  
Speaker: Roberto Cianci and Agostino Bruzzone
- Intelligent Transportation Systems and Vehicular Ad Hoc Networks: From modeling to simulation of networked vehicles, mobility models and performance parameters in future Smart Cities (abstract)**  
Speaker: Dr. Floriano De Rango

## ORGANIZATION COMMITTEE

- General Chair: **Floriano de Rango**, University of Calabria, Italy
- General Co-Chair: **José Luis Risco Martín**, Complutense University of Madrid, Spain
- Program Chairs: **Andrea D'Ambrogio**, University of Rome "Tor Vergata", Italy; **Gabriela Nicolescu**, Politechnique, Montreal, Canada
- Proceedings Chair: **Miroslav Velev**, Arles Design Automation, USA

## CONFERENCE VENUE AND HOTELS

### CONFERENCE VENUE

**Palais des congrès de Montreal**  
Address: 1001 Place Jean-Paul-Riopelle, Montreal, QC H2Z 3H6, Canada  
Phone: 514 871-8122

### MONTREAL HOTELS NEAR THE CONVENTION CENTER

\*Please note that these are only suggestions for hotels in the area – we would advise that you do your own research to ensure that all your requirements are met. Please contact the hotels directly with any booking or rate questions.

- Le Place d'Armes Hotel & Suites**  
Address: 55 Saint Jacques W, Montreal  
Phone: 1-888-450-1887  
Website: <http://hotelpacedarmes.com/en/>
- Hotel Le Dauphin Montreal Downtown**  
Address: 1025 de Bleury Street, Montreal  
Phone: 1-888-784-3888  
Website: <http://www.hotelsdauphin.ca/montreal/en/>
- Embassy Suites by Hilton Montreal**  
Address: 208 Saint Antoine Ouest, Montreal  
Phone: 514-288-8886  
Website: <http://embassysuites3.hilton.com/en/hotels/quebec/embassy-suites-by-hilton-montreal-YULDNES/index.html>
- Le Westin Montreal**  
Address: 270 Saint Antoine Ouest, Montreal  
Phone: 1-866-837-4262  
Website: <http://www.westinmontreal.com/>
- \*Special rate of \$219 CAD/night if you book with the following link before June 24, 2016: <https://www.starwoodmeeting.com/events/start.action?id=1601267718&key=2AD834C5>
- Holiday Inn Montreal Centre-Ville**  
Address: 999 Rue Saint-Urbain, Montreal  
Phone: 1-877-859-5095  
Website: <http://www.ihg.com/holidayinn/hotels/us/en/montreal/yulca/hotel/detail>
- L Hotel**  
Address: 262 Rue Saint-Jacques West, Old Montreal  
Phone: 1-877-553-0019  
Website: <http://www.hotelmontreal.com/default-en.html>
- Courtyard Marriott Montreal Downtown**  
Address: 380 Rene-Levesque Blvd West, Montreal  
Phone: 514-398-9999  
Website: <http://www.marriott.com/hotels/travel/yuldt-courtyard-montreal-downtown/>

## REGISTRATION PRICING \*

NON-MEMBERS	MEMBERS	STUDENT / RETIREE MEMBERS	STUDENT / RETIREE NON-MEMBERS
(\$83) Registration Before June 30, 2016 (\$93) Registration After July 1, 2016	(\$75) Early Registration (Before June 30, 2016) (\$90) Regular Registration (After July 1, 2016)	(\$75) Registration Before June 30, 2016 (\$25) Registration on or After July 1, 2016  <i>Full time students and retirees must submit verification forms for 50% discount (price is based on member, non-member fee)</i>	(\$175) Registration Before June 30, 2016 (\$475) Registration on or After July 1, 2016  <i>Full time students and retirees must submit verification forms for 50% discount (price is based on member, non-member fee)</i>
		Student Verification Form Retiree Verification Form	Student Verification Form Retiree Verification Form

## IMPORTANT DATES & PARTICIPANT FORMS

ALL DEADLINES HAVE PASSED. PLEASE CONTACT SCS FOR ANY QUESTIONS: [SCS@SCS.ORG](mailto:SCS@SCS.ORG)

### ICBGM DEADLINES

- Submission of Short Abstracts: Passed
- Notification of Abstract Acceptance: Passed
- Submission of Full Papers: Passed
- Paper Acceptance: Passed
- Submission of Camera Ready Copies and Copyright forms: Passed

### SPECTS DEADLINES

- Invited sessions Proposals: Passed
- Invited session Acceptance: Passed
- Tutorial Proposals: Passed
- Tutorial Acceptance: Passed
- Submission of Full Papers: Passed
- Paper Acceptance: Passed
- Submission of Work in Progress Papers: Passed
- Work in Progress Acceptance: Passed
- Submission of Camera Ready Papers: Passed

### SCSC DEADLINES

- Tutorial Proposals: Passed
- Tutorial Acceptance: Passed
- Submission of Full Papers: Passed
- Paper Acceptance: Passed
- Submission of Work in Progress: Passed
- Work in Progress Acceptance: Passed
- Submission of Camera Ready Copies and Copyright forms: Passed

### PARTICIPANT FORMS

Contact SCS for any necessary forms at [scs@scs.org](mailto:scs@scs.org)