



SCS Founder: John McLeod

SCS Executive Committee

- David Cook, President  
*Stephen F. Austin State University, USA*
- Mohammad S. Obaidat, Immediate Past President  
*Monmouth University, USA*
- Jerry M. Couretas, President-Elect  
*Lockheed Martin, USA*
- John (Drew) Hamilton Jr., Past President  
*Auburn University, USA*
- Hamid Vakilzadian, VP Conferences  
*University of Nebraska-Lincoln, USA*
- Helena Szczerbicka, VP Education  
*University of Hannover, Germany*
- Ralph Huntsinger, VP Membership  
*California State University, Chico, USA/LITIS, INSA de Rouen, France*
- Gabriel Wainer, VP Publications  
*Carleton University, Canada*
- Richard MacDonald, Secretary  
*RAM Laboratories, Inc., USA*
- Oletha Darensburg, Executive Director  
*SCS - San Diego, USA*

Directors at Large

- Agostino Bruzzone,  
*University of Genoa, Italy*
- Michael J. Chinni  
*US Army - RDECOM - ARDEC, Picatinny Arsenal, NJ, USA*
- Ralph Huntsinger (SCS Historian)  
*California State University, Chico, USA*
- Mike McGinnis  
*University of Nebraska, USA*
- John Sokolowski  
*Virginia Modeling, Analysis and Simulation Center, Old Dominion University, USA*
- Helena Szczerbicka  
*University of Hannover, Germany*
- Andreas Tolk  
*Old Dominion University, USA*
- Bill Waite  
*Aegis Technologies Group, Inc., USA*
- Levent Yilmaz  
*Auburn University, USA*

SCS Staff

- Chelsea Fleming, *Executive Assistant*
- Aleah Hockridge, *Membership Director*
- Vicki M. Pate, *Managing Editor*



# SIMULATION

Transactions of The Society for Modeling and Simulation International

October 2012

Volume 88 Number 10

Special Issue: Modeling and Simulation Techniques for Future Internet Ubiquitous World

Editorial

Modeling and simulation techniques for future Internet ubiquitous world  
*Jongsung Kim, Alex Galis and Naveen Chilamkurti* 1151

Articles

An energy-efficient self-deployment with the centroid-directed virtual force in mobile sensor networks  
*Youn-Hee Han, Yong-hwan Kim, WonTae Kim and Young-Sik Jeong* 1152

An efficient approach for distributed channel allocation with learning automata-based reservation in cellular networks  
*Sudip Misra, P Venkata Krishna and Vankadara Saritha* 1166

Design and simulation of a hierarchical priority fairness scheduler in an uplink Worldwide Interoperability for Microwave Access system  
*Wei Nie, Houjun Wang, Wengfeng Du, Naixue Xiong and Jong Hyuk Park* 1180

Properties of message forwarding paths in social-aware disconnected mobile networks  
*Qingsong Cai, Jianwei Niu, Meikang Qiu and Yang Liu* 1190

Generalized Transport Mean Shift algorithm for ubiquitous intelligence  
*Khamron Sunat, Panida Padungweang and Sirapat Chiewchanwattana* 1202

Original Articles

Modeling of statistical data sources based on measured network traffic  
*Matjaž Fras, Jože Mohorko and Žarko Čučej* 1216

Grid Matrix: a grid simulation tool to focus on the propagation of resource and monitoring information  
*Esteban E Mocos, Pablo Yabo, Pablo G Turjanski and Diego Fernández Slezak* 1233

Prostate cancer region prediction by fusing results from MALDI spectra-processing and texture analysis  
*Shao-Hui Chuang, Jiang Li, Xiaoyan Sun, Ayyappa Vadlamudi, Bo Sun, Lisa Cazares, Julius Nyalwidhe, Dean Troyer, John Semmes and Frederic D McKenzie* 1247

Dynamic modeling and simulation of transverse cracks in rotating shafts through dissipative coupling  
*Chandan Kumar, Vikas Rastogi and N Bikramjit Singh* 1260

<http://sim.sagepub.com>

Free access to tables of contents and abstracts. Site-wide access to the full text for members of subscribing institutions.