

WSC 2011 Call for Papers

The Winter Simulation Conference (WSC) is the premier international forum for disseminating recent advances in the field of systems simulation. In addition to a wide-ranging high-quality technical program, WSC provides the central meeting place for simulation practitioners, researchers, and vendors working in all disciplines in industrial, governmental, military, services, and academic sectors. The theme for WSC 2011 is “Simulation for a Sustainable World.”

LOCATION: WSC 2011 will be held in sunny Phoenix, Arizona at the Arizona Grand Resort Hotel, December 11 – 14, 2011, situated just six miles from the Phoenix Sky Harbor International Airport. The Arizona Grand Resort Hotel is an all-suite AAA four-diamond premier resort hotel located right next to 17,000 acres of South Mountain Preserve, the largest municipal park in the world. Hotel amenities include an 18-hole golf course, a 20,000 square foot athletic club, a full-service spa and salon, a 20-meter indoor heated pool, and three on-site restaurants.

KEYNOTE SPEAKER: Dr. R. F. “Rick” Shangraw, Jr., is the Director of the Global Institute of Sustainability at Arizona State University. In this role, he chairs the directorate overseeing the Institute and the integrated School of Sustainability. The pan-university Institute engages over 300 faculty members in sustainability research and solutions. The School of Sustainability, the first of its kind in the U.S., offers transdisciplinary degree programs focused on developing leaders able to find practical solutions to environmental, economic, and social challenges. Shangraw also is Senior Vice President for Knowledge Enterprise Development and is a Professor of Practice in both the School of Sustainability and the School of Public Affairs. Shangraw was the founding Executive Director of the Decision Theater, where he integrated visualization, simulation, and collaboration tools and techniques to address sustainability issues at the local and regional level. He led projects in water management, land use planning, and urban sustainability in partnership with local governments and the private sector.

PROGRAM: WSC 2011 features a comprehensive program ranging from introductory tutorials to state-of-the-art research and practice. WSC 2011 will also incorporate the MASM (Modeling and Analysis for Semiconductor Manufacturing) Conference, the leading modeling and analysis conference for global semiconductor manufacturing and supply chain operations. Other topics include:

- Advanced Tutorials
- Analysis Methodology
- Business Process Modeling
- Case Studies
- Construction Engineering/Project Management
- Environmental Sustainability (new track)
- General Applications
- Health Care Applications
- Homeland Security/Aviation/Emergency Response
- Introductory Tutorials
- Logistics and Supply Chain Management
- Manufacturing Applications
- Military Applications
- Modeling Methodology
- Networks

- Risk Analysis
- Simulation Education
- Simulation Optimization (new track)
- Training
- Vendors

PAPER DEADLINES AND REQUIREMENTS: All contributed paper submissions will be **peer reviewed**. Accepted papers will be published in the CD-ROM version of the conference proceedings, which will be copyrighted and widely disseminated. A paper must accompany all presentations and tutorials except those in the Vendor/Exhibitor track, the Simulation Case Studies track, the Poster Session, and the Ph.D. Colloquium. Instructions, information, submission forms and procedures are available on the WSC website, www.wintersim.org. Please note the following important deadlines:

- **April 1, 2011:** Electronically submit contributed papers not previously published or presented. Each submission must be a 3- to 12-page paper, including an abstract of not more than 150 words. Panel papers and papers in the tutorials tracks may be up to 15 pages. Submission implies that an author will attend WSC '11 to present the paper, and all clearances required for publication of the paper will be obtained by July 15, 2011. Use of the author's templates in one of the following formats is **required**: Microsoft Word or LaTeX. Submissions must be made through the WSC website, www.wintersim.org.
- **June 6, 2011:** Contributors will be notified whether or not their paper has been accepted.
- **July 15, 2011:** Authors electronically provide a final manuscript meeting all technical and format requirements to the Proceedings Editor.
- **September 12, 2011:** Deadline to electronically submit abstracts for Simulation Case Studies (submission form available August 1), as well as abstracts for presentations in the Poster Session and Ph.D. Student Colloquium. Simulation Case Studies require involvement from an industrial partner.
- **Ph.D. Student Colloquium:** The INFORMS Simulation Society invites Ph.D. students to present short research summaries on Sunday afternoon, December 11, 2011. Colloquium presenters also participate in the Poster Session. Nominations for the Ph.D. Colloquium will be solicited in Fall 2011.

For additional information, please contact the General Chair, **K. Preston White, Jr.** at kpw8h@virginia.edu or the Program Chair, **Michael Fu**, at wsc2011pc@gmail.com.

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