

**SIGSIM FY'07 Annual Report**  
**July 2006 - June 2007**  
**Submitted by: Simon J.E.Taylor, SIGSIM Chair**

1. Awards that were given out

Best student paper for contribution to simulation in the computing sciences at the Winter Simulation Conference 2006

Geng Deng and Michael C. Ferris, Adaptation of the UOBYQA Algorithm for Noisy Functions.

SIGSIM also sponsored the PhD Colloquium which was attended by around 50 future scientists.

2. Significant papers on new areas that were published in proceedings

James O. Henriksen, Taming the Complexity Dragon, 2006 Winter Simulation Conference  
Robert G. Sargent, Richard E. Nance, C. Michael Overstreet, Stewart Robinson and Jayne E. Talbot, The Simulation Project Life-Cycle: Models and Realities, 2006 Winter Simulation Conference

William R. Swartout, Simulators for Human-Oriented Training, 2006 Winter Simulation Conference

Herbert M Sauro, Innovation in Software for Systems Biology. Is There Any? 2006 Winter Simulation Conference

Xinjun Chen, Wentong Cai, Stephen J. Turner and Yong Wang, SOAr-DSGrid: Service-Oriented Architecture for Distributed Simulation on the Grid, Proceedings of the 21st International Workshop on Principles of Advanced and Distributed Simulation 2006 (Best paper)

3. Significant programs that provided a springboard for further technical efforts

None.

4. Innovative programs which provide service to some part of your technical community; and

Development of interoperability standards for modeling and simulation at the Simulation Interoperability Standards Organization (SISO) ([www.sisostds.org](http://www.sisostds.org))

5 A very brief summary for the key issues that the membership of that SIG will have to deal with in the next 2-3 years.

The main issue that continues to be key is the interface between practitioners and academics. There are many interesting papers published each year in modeling and simulation conferences. These tend to be published by academics. Practitioners have valuable contributions to make but do not have the time to write these in a form acceptable by key conferences. As a community we need to address this gap to document this valuable information, and make it accessible through the Digital Library. It may well be that there needs to be other forms of recognised publishing, such as recorded presentations and the like.