

# SIGSIM Annual Report

**July 2004 - June 2005**

**Submitted by: John Tufarolo, Chair**

## **Mission:**

The ACM Special Interest Group on Simulation (SIGSIM) is advancing the state-of-the-art in simulation and modeling through a world-wide membership of cross-disciplinary professionals.

## **Services:**

SIGSIM is an ACM Special Interest group (SIG) providing the following services and publications in exchange for its membership fees.

## **Proceedings:**

- Proceedings of the Annual Winter Simulation Conference (CD-ROM version)
- Proceedings of the Annual Parallel and Distributed Simulation Workshop

## **Electronic Groups:**

- ACM SIGSIM Web Site: <http://www.acm.org/sigsim>
- ACM SIGSIM Mailing List: [sigsim@acm.org](mailto:sigsim@acm.org)
- USENET News Group: comp.simulation

## **Online Distinguished Lectureship Series <http://www.acm.org/sigsim>**

- Historic and leading-edge material
- Multimedia presentations
- Hosted on SIGSIM web site (members-only)
- Three completed
  - Phil Kiviat
  - Paul Fishwick
  - Roger Smith

**ACM Digital Library Content Access:**

- SIGSIM members are granted full access to the SIGSIM-sponsored portions of the ACM digital library, including full-text access to all or portions of the following:
  - ACM SIGSIM NEWSLETTER
    - Simulation and Modeling
  - PROCEEDING SERIES
    - ANSS: Annual Simulation Symposium
    - MSWiM: International Workshop on Modeling Analysis and Simulation of Wireless and Mobile Systems
    - PADS: Workshop on Parallel and Distributed Simulation
    - SCN: Simulation of Computer Networks
    - SIGMETRICS: Joint International Conference on Measurement and Modeling of Computer Systems
    - WSC: Winter Simulation Conference

**Conferences:****SIGSIM sponsors the following conferences.**

Topic: International Symposium on Modeling, Analysis, and Simulation of Wireless and Mobile Systems (MSWiM)  
Frequency: Yearly in October  
Location: Varies  
Attendance:  $\approx 50$   
Web site: Varies  
Sponsorship: 100%

Topic: Winter Simulation Conference (WSC)  
Frequency: Yearly in early December  
Location: Varies; every 3<sup>rd</sup> year in Washington, DC  
Attendance:  $\approx 600$   
Web site: <http://www.wintersim.org>  
Sponsorship: 1/8

Topic: Workshop on Principles of Advanced and Distributed Simulation (PADS)  
Frequency: Yearly, in late spring  
Location: Varies  
Attendance:  $\approx 40$   
Web site: <http://www.pads-workshop.org>  
Sponsorship: 1/3

**SIGSIM has an “in-cooperation” agreement with the following conferences.**

Topic: International Workshop on Inter-Domain Performance and Simulation  
Frequency: Yearly in March  
Location: Varies (March 04 in Budapest, Hungary)  
Attendance: ≈ 50  
Web site: <http://www.tmit.bme.hu/ips2004>

Topic: Simulation Workshop Series – UK Operational Research Society  
Frequency: Yearly mid-September  
Location: Various locations in the UK  
Attendance: unknown  
Web site: <http://www.orsoc.org.uk>

Topic: Simulation Interoperability Workshop (SIW) – Simulation Interoperability Standards Organization (SISO)  
Frequency: Spring and Fall each year  
Location: Various locations; often in Orlando  
Attendance: unknown  
Web site: <http://www.sisostds.org>

Topic: Simulation Interoperability Workshop (SIW) – Europe (targeted / pending)  
Frequency: Spring each year  
Location: Various locations in Europe  
Attendance: unknown  
Web site: <http://www.sisostds.org>

Topic: Training, Education, & Simulation International (TESI)  
Frequency: Yearly  
Location: March 05: Masstrickt, The Netherlands  
Attendance: unknown  
Web site: <http://www.tesi2005.com>

**SIGSIM Membership:**

As of Dec 2004, SIGSIM had 558 total members. SIGSIM’s membership history roughly tracks with the general trend of all ACM SIGs. (Note: updated data past Dec 04 was unavailable at the time this report was produced).

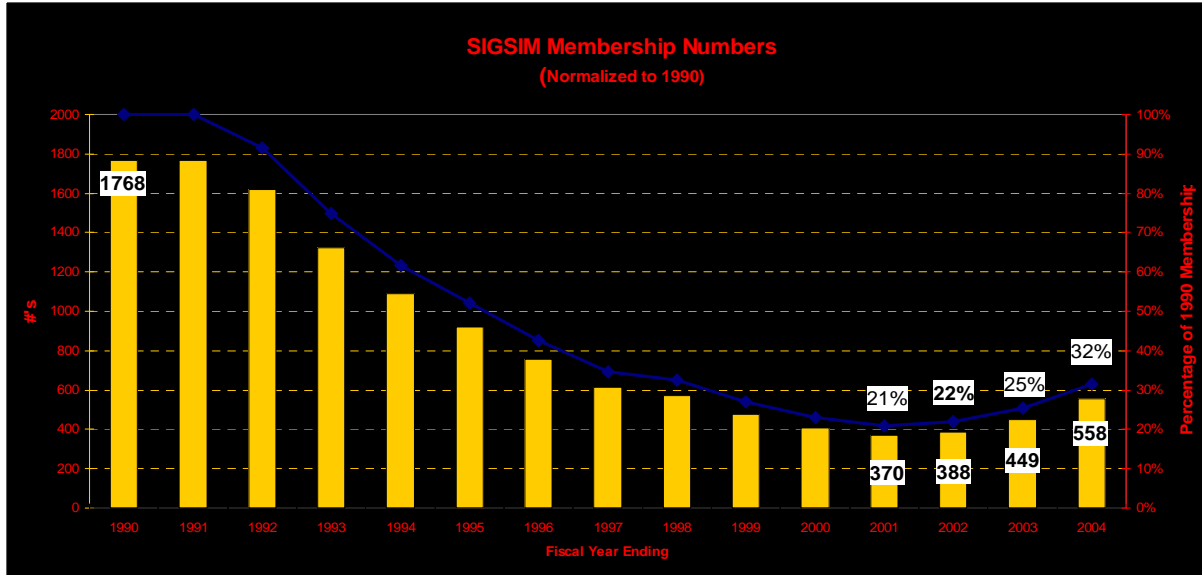


Figure 1: SIGSIM Membership numbers appear to be reaching steady-state

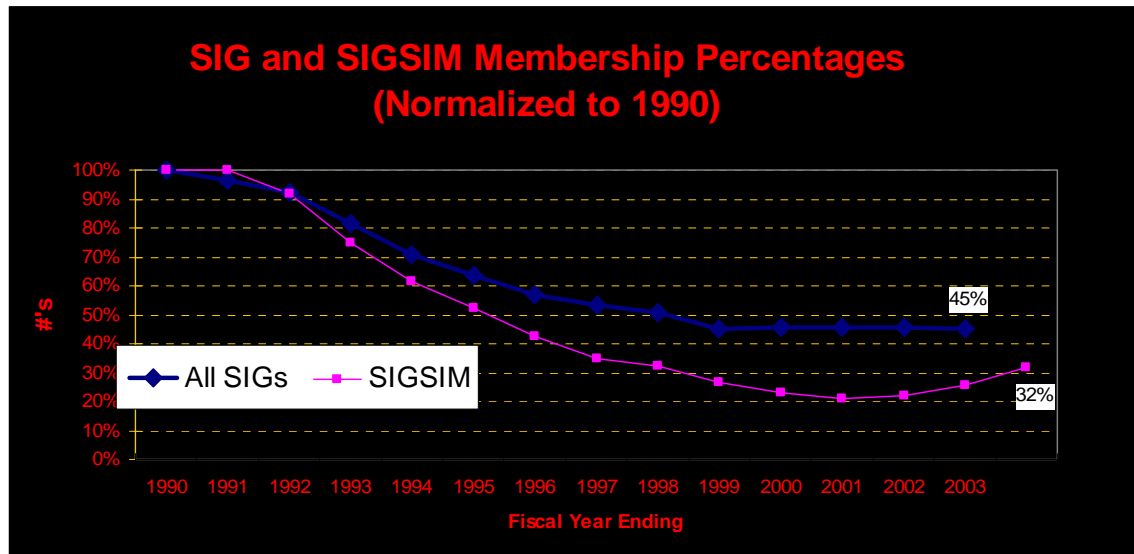


Figure 2: SIGSIM Membership numbers follow the general trend for all SIGs

**Management:**

This year, SIGSIM resumed officer elections – the first time since the SIGSIM elections in 1999. SIGSIM was previously considered a “conference-only SIG” (elections were not required for SIGS with that classification). Fall ’03 ACM and the SIG Governing Board (SGB) removed the various SIG categories. There are now simply SIGS, each producing a list of member benefits detailing the specific services the SIG provides for its members, rather than a fixed set of SIG

categories. In conjunction with this change, every SIG returned to the practice of holding elections.

SIGSIM, thanks to the efforts of our nominating committee chair, Ernie Page, successfully fielded a great set of candidates, and completed the elections.

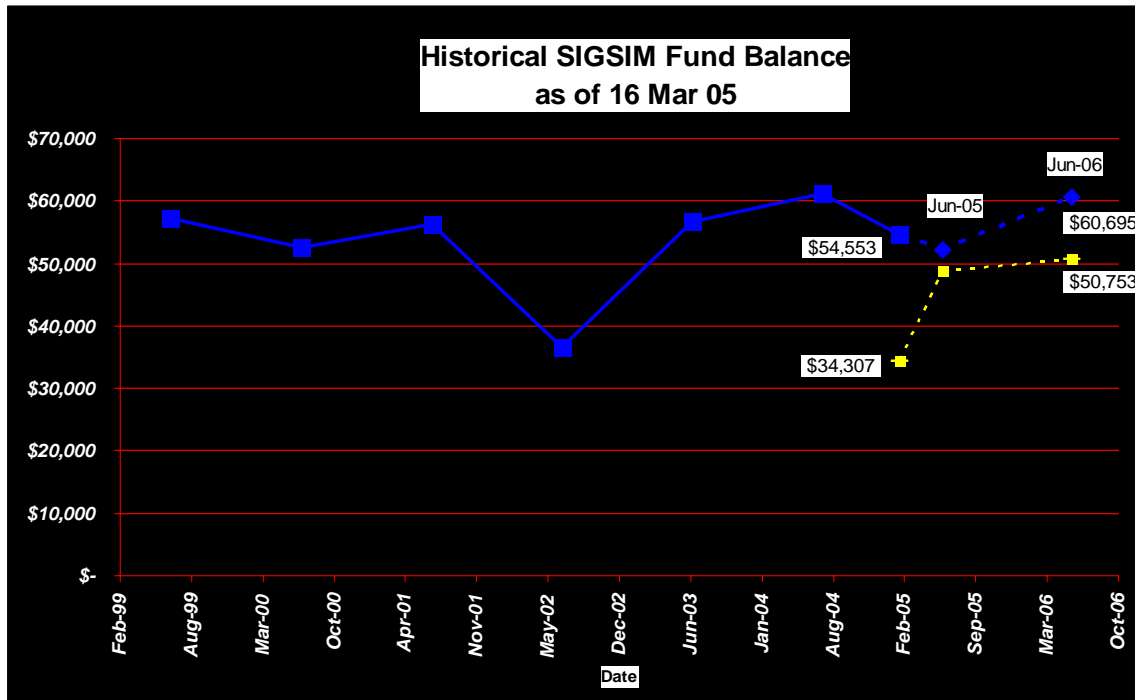
The new SIGSIM officers are:

- Chair: Simon Taylor, [chair\\_SIGSIM@acm.org](mailto:chair_SIGSIM@acm.org)
- Vice-chair: George F. Riley, [vc\\_SIGSIM@acm.org](mailto:vc_SIGSIM@acm.org)
- Secretary/Treasurer: Drew Hamilton, [treasurer\\_SIGSIM@acm.org](mailto:treasurer_SIGSIM@acm.org)

On behalf of the organization, I would like to thank all of the candidates for their contributions to SIGSIM, and the time and effort invested into running for an office. I hope you will continue to be an active supporter of SIGSIM.

**Finances: (Note: Financial data from March 2005)**

SIGSIM financial status is strong, and exhibits a trend to remain in that condition.



**Figure 3: SIGSIM Fund Balance remains above the required minimum balance, and indicates a trend to remain in that position.**

In prior years, SIGSIM voiced strong concerns over the SIG allocation charges. As a small SIG primarily supporting conferences, we believed the charging model was unsupportable. Our conferences use other (non-ACM) organizations to manage the conferences. As such, we could

not recoup the conference fees. With little to no utilization of ACM conference services, we maintained that a minimum \$15K allocation charge was somewhat excessive.

These concerns were successfully addressed in the previous year, and the minimum charge was reduced to 10K. This, along with the Digital Library income, has contributed greatly to a positive financial situation. With a full year of the updated (reduced) allocation charge, and good Digital Library income allocated to SIGSIM, we have seen our fund balance stabilize and begin to grow. We will continue to remain diligent and work with the SGB to stay current on this topic.

### **Technical Program Goals and Milestones:**

SIGSIM is the leading simulation professional group in the world. We support two of the leading conferences in the field - WSC and PADS. We would like to increase our value to our membership, and will strive towards the following goals:

- Continue to support leading simulation conferences
- Seek out and add more “in-cooperation” conferences to help add exposure for the conferences while adding Digital Library content for SIGSIM members
- Improve communications between ACM and SIGSIM leaders
- Improve communications between SIGSIM leaders and SIGSIM members
- Learn how to better serve the SIGSIM membership

Report submitted 15 August, 2005  
John Tufarolo, SIGSIM Chair (retired)