

ACM

Special Interest Group on Simulation

(SIGSIM)

Business Meeting

Dec 07, 2004

John Tufarolo

SIGSIM Chair

SIGSIM Mission

- Advance the state-of-the-art in simulation and modeling through world-wide membership of cross-disciplinary professionals
- Vehicles
 - Support premiere conferences
 - Add simulation conference proceedings to the ACM digital library
 - Provide members access to portion of digital library content
 - Support web-based services

SIGSIM Officers

- Chair
 - John Tufarolo chair_SIGSIM@acm.org
- Vice-chair
 - Rick McKenzie vc_SIGSIM@acm.org
- Secretary/Treasurer
 - John Tufarolo (acting)
- Information Director
 - Simon Taylor infodir_SIGSIM@acm.org

SIGSIM Conference Reps

Sponsored Conferences

- WSC
 - Ernie Page
- PADS
 - Simon Taylor
- MSWiM
 - Simon Taylor

SIGSIM Conference Reps

In-coop Conferences

Not “formal” positions

- UK Simulation Workshop
 - Simon Taylor
- SIW
 - TBD

SIGSIM Services

- Fundamentally Conference support
- Switched to Conference-only SIG in 1999
 - This category (and others) dissolved last year
 - Now “just a SIG” with our defined services
- Provide two key simulation conference proceedings to members
 - WSC and PADS
 - Discounted attendance
- Provide access to all sponsored, co-sponsored, and in-cooperation conference content in the ACM Digital Library
 - Value to members
 - Value as “income-stream” to SIGSIM

SIGSIM Conferences

Full Sponsor

- International Symposium on Modeling, Analysis, and Simulation of Wireless and Mobile Systems (MSWiM)
 - Previously co-sponsored with SIGMOBILE
 - Now 100% SIGSIM
 - Attendance: ~50
 - Web site varies
 - Oct '04 in Venezia, Italy

SIGSIM Conferences

Co-sponsor

- Winter Simulation Conference
 - The premiere discrete event simulation conference
 - Attendance: ~600
 - <http://www.wintersim.org>
 - Early Dec each year
 - Various locations: every 3rd year in DC
- Parallel and Distributed Simulation Workshop
 - Leading parallel simulation workshop
 - Attendance: ~40
 - <http://www.pads-workshop.org>
 - May/June each year, various locations

SIGSIM Conferences

In-cooperation Conferences

- Simulation Workshop Series
 - UK Operational Research Society
 - <http://www.orsoc.org.uk>
 - Mid-September, various locations in UK
- Simulation Interoperability Workshop
 - Simulation Interoperability Standards Organization
 - <http://www.sisostds.org>
 - Various locations: often in Orlando
 - 2/year: Early Spring and Fall
- SIW-Europe (targeted/pending)
 - 1/year: late spring
 - Various locations in Europe

SIGSIM Conferences

In-cooperation Conferences (continued)

- International Workshop on Inter-Domain Performance and Simulation
 - Budapest University of Technology and Economics (BUTE)
 - March: Budapest, Hungary

SIGSIM Conferences

In-cooperation with

What is “in-cooperation with” sponsorship?


- SIGSIM name on proceedings
- Confers recognition on good events
- SIGSIM/ACM not exposed financially
- ACM Digital Library receives content
- SIGSIM gets credit (\$) for use of DL content

- Getting content into the DL (Simon)


SIGSIM Services

Digital Library Content for SIGSIM Members

Address: http://portal.acm.org/browse_dl.cfm?linked=1&part=sig&dx=5P949&col=ACM&dl=ACM&CFID=33406872&CFTOKEN=75663212

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[SIGSIM](#): ACM Special Interest Group on Simulation and Modeling

NEWSLETTER

- ◆ [Simulation and Modeling](#)

PROCEEDING SERIES

- ◆ **ANSS**: [Annual Simulation Symposium](#)
- ◆ **MSWiM**: [International Workshop on Modeling Analysis and Simulation of Wireless and Mobile Systems](#)
- ◆ **MobiCom**: [International Conference on Mobile Computing and Networking](#)
- ◆ **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](#)

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Example: WSC

Address http://portal.acm.org/browse_dl.cfm?linked=1&part=series&idx=SERIES351&coll=ACM&dl=ACM&CFID=334068728&CFTOKEN=75663212



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Search within WSC: Winter Simulation Conference:

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Browse WSC: Winter Simulation Conference:

WSC

 [TOC Service](#)
Current Year
[2003](#) : Proceedings of the 35th conference on Winter simulation: driving innovation
Archive
[1968](#) → [2002](#)

The Winter Simulation Conference (WSC) is the premier international forum for disseminating recent advances in the field of system simulation, with the principal focus being discrete-event simulation and combined discrete-continuous simulation. In addition to a technical program of unsurpassed scope and quality, WSC provides the central meeting place for simulation practitioners, researchers, and vendors drawn from all disciplines and from the industrial, governmental, and academic sectors. The Winter Simulation Conference features tracks devoted to leading-edge developments in analysis and modeling methodology .

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Example: WSC Archive

WSC '87 [Proceedings of the 19th conference on Winter simulation](#)

WSC '86 [Proceedings of the 18th conference on Winter simulation](#)

WSC '85 [Proceedings of the 17th conference on Winter simulation](#)

WSC '84 [Proceedings of the 16th conference on Winter simulation](#)

WSC '83 [Proceedings of the 15th conference on Winter Simulation - Volume 2](#)

WSC '83 [Proceedings of the 15th conference on Winter simulation - Volume 1](#)

WSC '82 [Proceedings of the 14th conference on Winter Simulation - Volume 2](#)

WSC '82 [Proceedings of the 14th conference on Winter Simulation - Volume 1](#)

WSC '81 [Proceedings of the 13th conference on Winter simulation - Volume 2](#)

WSC '81 [Proceedings of the 13th conference on Winter simulation - Volume 1](#)

WSC '80 [Proceedings of the 12th conference on Winter simulation](#)

WSC '79 [Proceedings of the 11th conference on Winter simulation - Volume 2](#)

WSC '79 [Proceedings of the 11th conference on Winter simulation - Volume 1](#)

WSC '78 [Proceedings of the 10th conference on Winter simulation - Volume 2](#)

WSC '78 [Proceedings of the 10th conference on Winter simulation - Volume 1](#)

WSC '77 [Proceedings of the 9th conference on Winter simulation - Volume 1](#)

WSC '77 [Proceedings of the 9th conference on Winter simulation - Volume 2](#)

WSC '76 [Proceedings of the 76 Bicentennial conference on Winter simulation](#)

WSC '74 [Proceedings of the 7th conference on Winter simulation - Volume 2](#)

WSC '74 [Proceedings of the 7th conference on Winter simulation - Volume 1](#)

WSC '73 [Proceedings of the 6th conference on Winter simulation](#)

WSC '71 [Proceedings of the 5th conference on Winter simulation](#)

[Proceedings of the fourth annual conference on Applications of simulation](#)

[Proceedings of the third conference on Applications of simulation](#)

[Proceedings of the second conference on Applications of simulations](#)

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LOOKING FOR HOTELS

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ACM DL and Google

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SEARCH

CrossRef Search



ACM is participating in the [CrossRef Search](#) pilot project. The project is to implement full-text interpublisher searchability.

[Google](#) has indexed the full text of ACM journal articles along with several other participating scholarly publishers.

Please send your feedback on this new search capability to xrs-feedback@acm.org.

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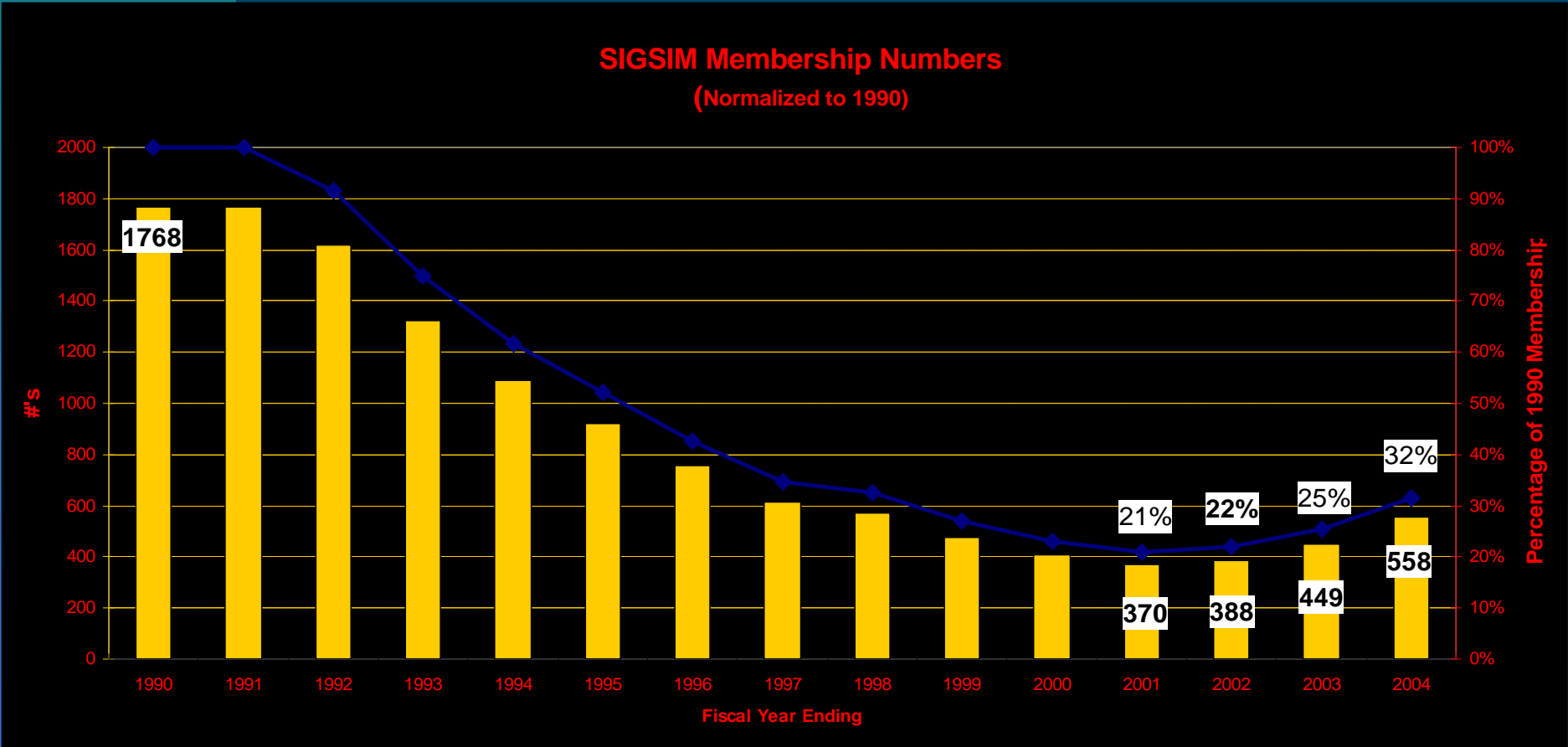
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SIGSIM “Annual Debate”

Panel at WSC

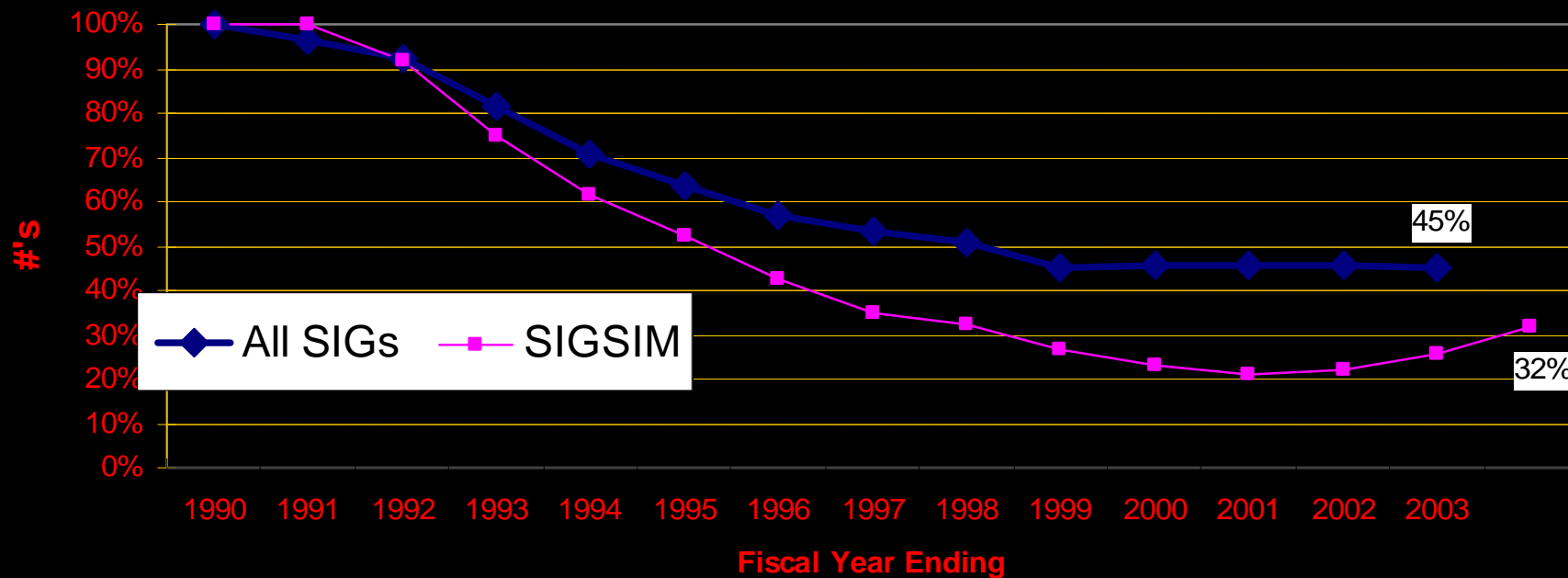
- WSC Panels and feedback

SIGSIM Membership



SIG Membership

SIG and SIGSIM Membership Percentages (Normalized to 1990)



SIG Membership – the details

SIGSIM Membership Renewals									\$ Spread	
Expiration Month			Base	Active	Expired	Renewal	Non-Renewal	New	Net	Retention
march	2004/2005	L	35	32	13	22	13	10	-3	62.86%
april	2004/2005	L	36	49	13	23	13	26	13	63.89%
may	2004/2005	L	36	37	18	18	18	19	1	50.00%
june	2004/2005	L	33	34	12	21	12	13	1	63.64%
july	2004/2005	5	33	39	8	25	8	14	6	75.76%
august	2004/2005	5	31	40	6	25	6	15	9	80.65%
september	2004/2005	4	35	35	17	18	17	17	0	51.43%
october	2004/2005	4	44	55	15	29	15	26	11	65.91%
Stable Total			283	321	102	181	102	140	38	63.96%
november	2004/2005	3	48	42	25	23	25	19	-6	47.92%
december	2004/2005	3	45	48	0	14	31	3	-28	31.11%
january	2005/2006	2	35	37	0	10	25	2	-23	28.57%
february	2005/2006	1	58	58	0	0	58	0	-58	0.00%
Total			469	506	127	228	241	164	-77	48.61%
march	2006(+)		---	2	---	2	---	0	---	---
Grand Total			---	508	---	230	---	164	---	---

Classification	Base	Active	Expired	Renewal	Non-Renewal	New	Net	Retention
Professional	374	389	91	195	179	105	-74	52.14%
Student	65	77	20	28	37	32	-5	43.08%
Sig Only	30	42	16	5	25	27	2	16.67%
Non Member	0	0	0	0	0	0	0	0%
Institution	0	0	0	0	0	0	0	0%
Grand Total	469	508	127	228	241	164	-77	48.61%

SIGSIM Management

Bylaw compliance (elections)

- Last SIGSIM Elections in 1999
 - Suspended with change to conference-only SIG
- Then-present chair selected:
 - Other positions appointed
- Changed again in June 2001
- Changed again in June 2003

SIGSIM Management

Resuming elections

- ACM SIG Board abolishing multiple SIG types
 - Multi-service, conference-only, newsletter only, electronic forum
- As of Sep 03, ACM now reverted to single SIG classification. All now have elections
- Each SIG produces list of annual benefits (newsletter | no newsletter, etc.)
- Elections cycle has now started
- SIGSIM Nominating Committee
 - Ernie Page (Chair), Margaret Loper

Election Timeline

Late Nov

- ~~16 Sep 04~~ Appoint NC chair to ACM
- 01 Dec 04 Provide slate to ACM
- Jan 05 SIG slate into "MemberNet"
- Feb 05 Mailing to SIG members and right to petition
- 15 Mar 05 Notification to HQ of intent to petition a candidate
- 15 Apr 05 Petitions due to ACM HQ
- 21 Apr 05 All ballots to printers
- 21 May 05 Ballots mailed
- 21 Jun 05 Ballots due
- 1 Jul 05 Elections done - candidates notified and take office

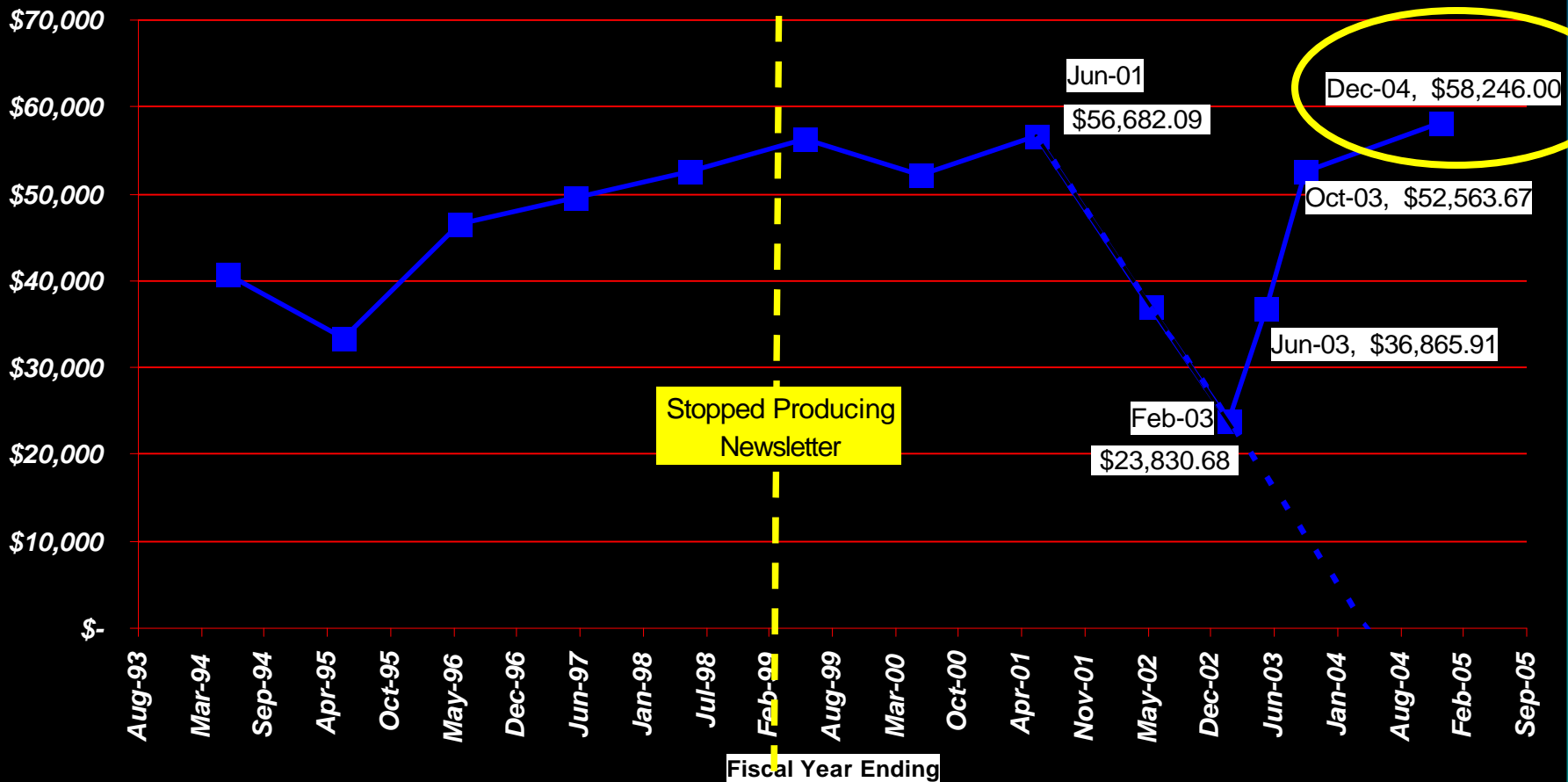
Current Election Slate

- Chair
 - Simon Taylor
 - Emmet Beeker
- Vice chair
 - Rick McKenzie
 - _____
- Secretary/Treasurer
 - Thom McLean
 - _____
- Information Director (not an elected position)
 - Megan Leech expressed interest

SIGSIM Finances

Fund Balance (as of 7 Dec 04)

**SIGSIM Fund Balance
as of 6 Dec 04**



SIGSIM Finances – the details

Current Budget State (as of 7 Dec 04)

2078000		Month of October			Year to Date			FY2005	
Account Name	Acct No	Actual \$	Budget \$	Variance \$	Actual \$	Budget \$	Variance \$	Full Year Budget \$	proj \$0
Revenue									
SIG DUES	619	804.53	779	25.53	3,182.30	3,116.00	66.3	9,344.00	9
SIG NON MEMB SUBS	623	57.76	15	42.76	217.14	60	157.14	175	0
DIGITAL LIBRARY	628	0	0	0	22,110.00	20,495.00	1,615.00	20,495.00	20
OTHER SUBSCRIPTION REV.	629	0	51	-51	0	204	-204	3,087.00	3
PROCEEDINGS SALES	632	16	15	1	223	60	163	175	0
CONFERENCE REVENUE	651	0	0	0	0	0	0	57,530.00	58
INTEREST INCOME DISTRIB.	692	126	60	66	502	240	262	725	1
EXPEDITED SERVICE	695	4.68	5	-0.32	19.92	20	-0.08	63	0
Total Revenue		1,008.97	925	83.97	26,254.36	24,195.00	2,059.36	91,594.00	92
Direct Expenses									
VOLUNTEER TRAVEL	812	0	183	183	0	732	732	2,200.00	2
MAILING & HANDLING	834	0	4	4	25.65	16	-9.65	50	0
PRODUCTION EXPENSE	841	12,320.60	1,019.00	-11,301.60	12,320.60	4,076.00	-8,244.60	12,227.00	12
DISTRIBUTION EXPENSE	842	0	491	491	0	1,964.00	1,964.00	5,888.00	6
STORAGE EXPENSE	843	0	15	15	0	60	60	183	0
CONFERENCE EXPENSE	891	0	0	0	0	0	0	56,962.00	57
ALLOCATIONS	900	1,160.33	1,160.00	-0.33	4,641.32	4,640.00	-1.32	13,924.00	14
SIGBRD ALLOC TO SIGS	903	9.75	10	0.25	39	40	1	117	0
SERVICE CHG TO CONFS	904	0	0	0	0	0	0	-152	0
Total Direct Expenses		13,490.68	2,882.00	-10,608.68	17,026.57	11,528.00	-5,498.57	91,399.00	91
Total Expenses		13,490.68	2,882.00	-10,608.68	17,026.57	11,528.00	-5,498.57	91,399.00	91
Net Surplus / (Deficit)		-12,481.71	-1,957.00	-10,524.71	9,227.79	12,667.00	-3,439.21	195	0

Fund Balance Summary:

Opening Fund Balance as of 06/30/2004: 49,018.91
 Current Fund Balance: 58,246.70

SIGSIM – TOMACS Editor

Transactions on Modeling and Computer Simulation (TOMACS)

- TOMACS previous editor (David Nicol) completed a lengthy period as E-I-C (1997-2003)
- SIGSIM is grateful to David for the excellent service to the community, and presented a plaque thanking him for his service and dedication in those efforts
- TOMACS rotates the responsibility for selecting the E-I-C
 - SIGSIM was responsible for the next nomination
- Richard Nance volunteered to lead the nominating committee
- The committee nominated Jim Wilson for the next E-I-C
- The nomination was approved, and James R. Wilson is now the current Editor in Chief of TOMACS

SIGSIM

Current Issues

- Need to complete election slate
 - Need volunteers to throw their names in the hat
- Need to push ACM to help get the Digital Library “up to date”
 - WSC entries were lagging (just recently current)
 - New conference agreements take time to get their content into DL
 - Mistakes (e.g, PADS entries?)

SIGSIM

Are we on course?

“If you don’t know where you are going, any road will take you there”

- What is our purpose? Are we serving our members?
- Would like to energize membership
 - Email asking about election interest
 - 392 list members; 5 responses (< 2 % response)

SIGSIM Future

Last Year's Goals – from 2003 Meeting

- ☑ Continue to support leading simulation conferences
- ☑ Add more conferences
 - In-cooperation; full
- Advertise value of SIGSIM
 - e.g., Digital Library access to X,Y,Z
- Learn how to better serve the membership

SIGSIM Future

Coming Year's Goals

- Continue to support leading simulation conferences
- Continue to pursue more conferences
- Add more content to Web page
- Complete election of new officers
- Other initiatives
 - “best paper” award?
 - Yearly WSC panel
 - Sponsor a grad student to attend WSC?
 - Sponsor a poor professor?
 - ...

Discussion, Questions & Comments
