

Minutes of the ACM SIGSIM Membership Meeting  
2017 Winter Simulation Conference  
Las Vegas, NV, USA  
December 5, 2017, 5:30 p.m. – 6:42 p.m.

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The meeting was called to order at 5:30 p.m. and conducted by Andreas Tolk, Vice Chair. Kara Olson, Secretary/Treasurer, was also present; Margaret Loper, Chair, was unable to be in attendance.

1. Welcome, SIGSIM Mission, and Agenda (Tolk)

The agenda presented during the meeting is attached.

Welcome was extended to all attendees, as were regrets on behalf of Chair Margaret Loper. The agenda was approved.

2. SIGSIM Distinguished Contributions Award (Balci)

The slides presented during the meeting are attached.

Paul Fishwick was present to accept the award.

3. PhD Colloquium Status including SIGSIM Winner (Anagnostou)

The slides presented during the meeting are attached.

Student Maria Julia Blas was present to accept the award. It was noted that Andrea D’Ambrogio had completed his term Sunday and Jose Padilla is starting his term.

4. TOMACS (Transactions on Modeling and Computer Simulation) Report (Uhrmacher)

The slides presented during the meeting are attached.

The collaborative effort between TOMACS and PADS was highlighted: PADS papers have appeared in special issues of TOMACS; also, as announced in October 2015, “authors who have an accepted paper presenting original work in TOMACS, will receive the possibility to present their work at a SIGSIM PADS conference in the next two years after acceptance in TOMACS.” A TOMACS author has become the first to ask to present at PADS and is expected to do so at the 2018 conference.

A discussion and reminder about impact factor followed, with Andreas Tolk reminding that TOMACS and JoS are our journals - "use our archive".

#### 5. JoS (Journal of Simulation) Report (Taylor)

The slide presented during the meeting is attached.

Several points were mentioned regarding change of publishers, including impact factor and social media strategy. Simon Taylor encouraged using social media and welcomed ideas to do so. He also mentioned upcoming Grand Challenges special issues and that as TOMACS tends to work with the PADS conference, JoS tends to work with the DS-RT conference.

#### 6. Simulation Archives (Nance)

The slide presented during the meeting is attached.

Greg Raschke will be the Acting Director of Libraries at NCSU following the retirement of Susan Nutter.

Richard Nance thanked SIGSIM for its continued support of the Archives and discussed that funding is used to maintain the archive, process new materials, sustain access to materials, and in some cases, expand the archive. He encouraged all to visit the archive.

Simon Taylor recommended that SIGSIM continue its annual \$5,000 endowment to the archive. The motion was seconded and carried with one abstention. SIGSIM was thanked for its continuing support.

It had recently been discovered that some equipment and materials of K.D. Tocher are unexpectedly available and would be a unique opportunity for the archive; the simulation community would benefit having these in a safe place and documented. Simon Taylor, as a point of contact, asked for permission to work with Brian Hollocks to establish the cost of shipping the equipment and materials from the UK. The motion was seconded and carried with three abstentions.

Nance thanked Robert Sargent for his extra effort in putting together the special history track for the 50th anniversary of the Winter Simulation Conference.

#### 7. SIGSIM Website and MSKR (Modeling & Simulation Knowledge Repository) (Balci)

The slides presented during the meeting are attached.

Osman Balci noted that sigsim.org redirects to the site. He called for additional articles and courseware.

## 8. SIGSIM Digest (Fishwick)

The slide presented during the meeting is attached.

Paul Fishwick discussed that numbers are increasing and that the site may be moving to an ACM server. He mentioned difficulty using MailChimp with respect to the SIGSIM mailing list.

Simon Taylor discussed the SIGSIM Twitter account. Fishwick suggested the membership tweet more about modeling and simulation; Taylor reminded the membership to follow @sigsimSocial. Chris Carothers suggested SIGSIM consider a LinkedIn account (noted later: one already exists and has members). Gabriel Wainer agreed to tend the Twitter account.

## 9. Budget and Finances (Olson)

The slides presented during the meeting are attached.

Ernie Page questioned the word “expenses” on the Winter Simulation Conference slide, as he stated that SIGSIM does not write a check to the Conference; several officers past and present explained this is how ACM HQ defines its data.

It was noted that our SIG is one of the smaller ACM SIGs.

## 10. SIGSIM PADS Conference 2018 (Tolk/Uhrmacher)

The slides presented during the meeting are attached.

Adelinde Uhrmacher pointed out that papers are currently being accepted. Gabriel Wainer asked a present member of the WSC Board to inquire of the Board permission to publicize PADS at WinterSim.

## 11. SIGSIM Student Travel Awards (Bell)

The slides presented during the meeting are attached.

Social media use has been improving but there is still room for growth.

It was noted that for the first time, all student travel awards had been awarded, and some students were turned down. Simon Taylor recommended that more awards be offered, perhaps 15 for WinterSim and 10 for PADS. As this had not been accounted for in the (already submitted) next budget, Andreas Tolk suggested this be considered at an appropriate future time. Philip Wilsey asked about consideration for other 100% SIGSIM-supported conferences.

## 12. Upcoming Elections (Taylor)

No slides were presented.

Andreas stated that the current officers could extend their terms within the current bylaws but that no one wanted to do so without good reason; and fresh talent and ideas are always welcome.

Simon Taylor, Nominating Slate Chair, stated that there would be a full slate of officers for election, including two candidates for Chair, three candidates for Vice Chair, and two candidates for Treasurer/Secretary.

## 13. General Discussion and New Business (Tolk)

The slides presented during the meeting are attached with the agenda; the general discussion slide was omitted due to time constraints.

David Nicol provided an advance announcement that Richard Fujimoto will be a 2017 ACM Fellow. Fujimoto was congratulated by the membership and SIG.

John Tufarolo asked permission for the SIG to send USB sticks to the SIGSIM membership rather than CDs, as CDs are significantly more expensive to purchase, or that the practice be discontinued, as the WinterSim proceedings are freely available. Kara Olson mentioned that proceedings of the PADS conference are also sent to the membership and asked if those are also freely available. Osman Balci answered that they are indeed if one accesses them from certain sites. It was agreed to further consider the distributions.

With no further business cited, the meeting was motioned to adjourn and seconded at 6:42 p.m.

(Note: it was confirmed by the Chair following the meeting that financial decisions voted for recommendation at the membership meeting are submitted to the ACM SIGSIM advisory committee for consideration.)

*Minutes taken by Kara Olson  
December 8, 2017*

35 members and 6 additional participants in attendance



**SIGSIM**

*ACM SIG on Simulation and Modeling*

Membership Meeting  
Winter Simulation Conference  
5 December 2017

# Agenda

1. Welcome, SIGSIM mission, and Agenda (Tolk)
2. SIGSIM Distinguished Contributions Award ([Balci](#))
3. PhD Colloquium Status incl. SIGSIM Winner ([Anagnostou](#))
4. TOMACS Report ([Uhrmacher](#))
5. JOS Report ([Taylor](#))
6. Simulation Archives ([Nance](#))
7. SIGSIM Website and MSKR ([Balci](#))
8. SIGSIM Digest ([Fishwick](#))
9. Budget and Finances ([Olson](#))
10. SIGSIM-PADS conference 2018 ([Tolk/Urmacher](#))
11. SIGSIM Student Travel Awards ([Bell](#))
12. Upcoming Elections (Taylor)
13. General Discussion and New Business (Tolk)



ACM SIG on Simulation and Modeling

Founded in April 1969, Association for Computing Machinery (ACM) Special Interest Group (SIG) on Simulation and Modeling (SIM) aims to **promote** and **disseminate** the **advancement of high quality state-of-the-art** in Modeling and Simulation (M&S) across a broad range of **interests** and **disciplines**.

<i>Term</i>	<i>Chairman</i>	<i>Vice Chairman</i>	<i>Secretary/ Treasurer</i>
2016-2018	Margaret Loper	Andreas Tolk	Kara Olson

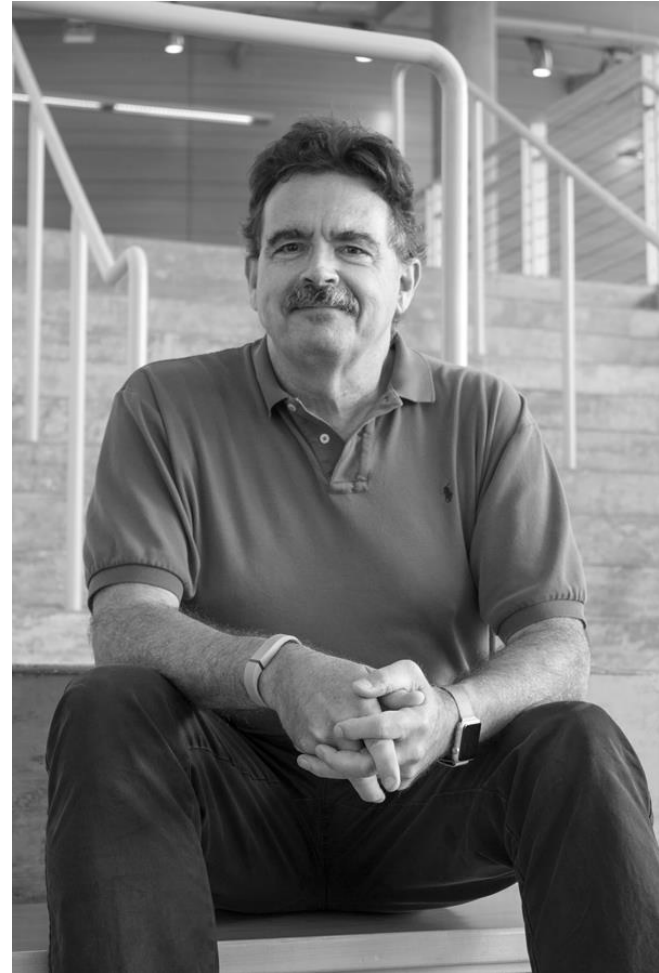
# ACM SIGSIM Distinguished Contributions Award

- ACM SIGSIM Distinguished Contributions Award recognizes individuals based on their overall contributions to the field of modeling and simulation, including technical innovations, publications, leadership, teaching, mentoring, and service to the community.
- Award Committee
  - Osman Balci, Chair (2016-2018)
  - David M. Nicol (2016-2017)
  - Pierre L'Ecuyer (2017-2019)

# Recipient of the 2017 ACM SIGSIM Distinguished Contributions Award

## **Paul Fishwick**

Distinguished University Chair  
of Arts, Technology, and  
Emerging Communication and  
Professor of Computer Science  
The University of Texas at Dallas





WINTER SIMULATION CONFERENCE 2017  
LAS VEGAS, NV | DECEMBER 3-6

# WSC'17 PhD Colloquium

## **Committee members:**

Emily Lada, SAS Institute Inc. (Chair)

Anastasia Anagnostou, Brunel University London (UK)

Andrea D'Ambrogio, U Roma, Tor Vergata (IT)

Weiwei Chen, Rutgers University

# WSC'17 PhD Colloquium overview

- **Colloquium Format**

- Presentations: **26** final year students will give talks showcasing their work
- Poster session for open and interactive discussion
- Final year PhD students get conference fees reimbursed, 1 year society membership (I-Sim, ACM SIGSIM)

- **Keynote (Trails, Sunday 1-2pm)**

- Title: **Recent Lessons on Research Ethics and Academic Publishing**
- Speaker: **James R. Wilson** (North Carolina State University)

- **Best Student Paper award**

- Two \$200 awards, sponsored by I-Sim and ACM SIGSIM
- PhD Colloquium Committee members have reviewed all submissions
- Final decision made on the day of colloquium, after presentations



# WSC'17 PhD Colloquium – Presentations I

Trails – Sunday 2:15pm-3:45pm

- A Multi-objective Perspective on Robust Ranking and Selection  
[Weizhi Liu \(National University of Singapore\)](#)
- Analyzing Different Dispatching Policies for Probability Estimation in Time Constraint Tunnels in Semiconductor Manufacturing  
[Alexandre Lima \(ST MICROELECTRONICS, Ecoles des Mines de Saint-Etienne\)](#)
- A Simulation-optimization Framework to Solve the Workforce Scheduling Problem in Complex Manufacturing and Logistic Contexts  
[Ludovica Maccarrone \(Sapienza\)](#)
- Optimizing Production Allocation with Simulation in the Fashion Industry: A Multi-Level Hierarchical Optimization Framework Proposal  
[Virginia Fani \(University of Florence\)](#)
- Integrating Consumer Adoption Modeling in Renewable Energy Expansion Planning  
[Anuj Mittal \(Iowa State University\)](#)
- A Quantile Adaptive Search for Black-box Simulation Optimization on Continuous Domains with Practical Implementations  
[David Linz \(University of Washington\)](#)
- Evaluating Static and Adaptive Safety Stock Policies for Robust Pharmaceutical Supply Chains  
[Rana Azghandi \(Northeastern University\)](#)
- Acquisition Functions for Simultaneous Bayesian Optimisation of Multiple Problems  
[Michael Pearce \(University of Warwick\)](#)
- Sustainable Urban Freight Transport: a Simheuristic Approach  
[Lorena Silvana Reyes-Rubiano \(Public University of Navarra\)](#)
- Measure Valued Differentiation for Stochastic Neural Networks  
[Thomas Flynn \(Graduate Center, City University of New York\)](#)
- A Recommendation System for First-order Nearly Orthogonal-and-balanced (NOAB) Designs  
[Zachary C. Little \(Air Force Institute of Technology / The Perduco Group\)](#)
- Using Simulation to Model Clinical Medication Reviews in Community Pharmacies  
[Kathryn N. Smith \(North Carolina State University\)](#)
- Delivery Routing Decisions of a Hybrid Online Hyperlocal Food Service Marketplace-quick Service Restaurant  
[Kavitha Chetana Didugu \(Indian Institute of Management Ahmedabad\)](#)



# WSC'17 PhD Colloquium – Presentations II

Trails – Sunday 4:00pm-5:15pm

- Discrete Event Simulation Scenario Testing of Schematic Layouts in an Emergency Department Expansion Project  
[Jennifer Lather \(The Pennsylvania State University\)](#)
- An Architecture to Simulate Diffusion Processes in Multiplex Dynamic Networks  
[Cristina Ruiz-Martín \(Carleton University\)](#)
- Using Simulation Optimization for Interdependent Operations in Health Centers  
[Vahab Vahdat \(Northeastern University\)](#)
- A Computational Model of Action Potential in the Mouse Detrusor Smooth Muscle Cell  
[Chitaranjan Mahapatra \(Indian Institute of Technology Bombay\)](#)
- Ontology-Based Modeling Framework to Generate Federation Object Model in the Supply Chain Domain  
[Juan Leonardo Sarli \(CONICET UTN INGAR\)](#)
- Toward Precise Semantics of Actions  
[Abdurrahman Alshareef \(ASU\)](#)
- Tumor Simulation by Using Supermodeling - An Example of a New Concept of Data Assimilation in Modeling of Complex Systems  
[Adrian Kłusek \(AGH University of Science and Technology\)](#)
- A Devs Based Modeling Architecture of Electrical Power Systems  
[Ange-Lionel Toba \(Old Dominion University\)](#)
- Simulating Ddos Attacks on the us Fiber-optics Internet Infrastructure  
[Sumeet Kumar \(CMU\)](#)
- Combined DEVS Multiresolution Simulation and Model Checking  
[Soroosh Gholami \(Arizona State University\)](#)
- An Analysis Model to Evaluate Web Applications Quality Using a Discrete-Event Simulation Approach  
[María Julia Blas \(INGAR \(UTN-CONICET\)\)](#)
- Detection of Emergent Behaviors in System of Dynamical Systems Using Similitude Theory  
[Shweta Singh \(Northeastern University\)](#)
- BIM-based Building Permit Procedures Using Decision Making Methods  
[Judith Ponnewitz \(Bauhaus-Universität Weimar\)](#)



# WSC'17 PhD Colloquium

## ACM SIGSIM Award

**Maria Julia Blas**



*ACM SIG on Simulation and Modeling*



WINTER SIMULATION CONFERENCE 2017  
LAS VEGAS, NV | DECEMBER 3-6



## ACM Transactions on Modeling and Computer Simulation (TOMACS)

Is the primary source for research on all aspects of the systems modeling and computer simulation



### Statistics:

- Up to November around 110 papers submitted
- Acceptance rate around 30%
- Issues filled until July of 2018



ACM Transactions on

# Modeling and Computer Simulation (TOMACS)

Is the primary source for research on all aspects of the systems modeling and computer simulation



- **TOMACS has started a reproducibility initiative in 2016:** 5 papers with badges published -- 4 papers in process
- **TOMACS has a new series called "State of the Art and Open Challenges" (MS:STAROC)** in modeling and simulation. Second paper to appear: **A Survey of Statistical Model Checking** by Karl Palmskog and Gul Agha

## Special issues:

- PADS-SigSim special issue (PADS 2015 -- Vol. 27, No 2), PADS 2016, PADS 2017 by Kevin Jin and Philip Wilsey is now being processed.
- Formal Methods for Adaptive Collective Systems, by Maurice H. ter Beek, Michele Loreti to appear Vol. 28, No. 2
- Selected papers of Quantitative Evaluation of SysTems (QEST 2017), by Luca Bortolussi and Nathalie Bertrand, to appear end of 2018
- Model-data ecosystems, by Peter Haas and Georgios Theodoropolous, connected to a workshop held in August, 2017 to appear 2019

# Journal of Simulation Report

John Fowler, Loo Hay Lee and Christine Currie

- JOS welcomes submissions:
  - from both researchers and practitioners
  - techniques, tools, methods and technologies of the application and use of discrete-event simulation, agent-based modelling, and systems dynamics
  - manufacturing, service, defence, health care & general commerce
- **Journal Statistics**
  - Impact factor 1.164 (2015); 0.772 (2016)
  - ~ 20% acceptance rate
  - Average time between submission and final decision is 100 days
- JOS is moving to new publishers in 2018
  - Taylor and Francis will be taking over from January
  - We are looking forward to some new looks and new ideas.

## Report - Simulation Archive Advisory Committee

- URL for Archive: <http://d.lib.ncsu.edu/computer-simulation/>
- Advisory Committee: R. Nance (Chair), R. G. Sargent, J. R. Wilson
- Simulation Archive Endowment Fund
  - Sincere thanks to SIGSIM for \$5000 donation at WSC 2016.
- Thanks to support from SIGSIM, I-Sim, Brunel University, Friends of the NCSU Libraries, and individuals, **we have reached our target for 2017!**
- Committee calls attention to report in 2016 by Raschke and Thayer describing the expenses for processing, storing, and providing access to archival collections.
- Simulation Archive session in the History Track is tomorrow at 8:00 am
- Computer Simulation Archive Trails Steve Roberts, Chair
  - Creation of the Computer Simulation Archive
  - The Computer Simulation Archive: Development and Current Contents
  - The Importance of the Computer Simulation Archive
- Committee wishes to acknowledge the strong, unwavering support given by Susan K. Nutter, Vice Provost, Director of Libraries at NCSU during the formative years, and extends congratulations on a truly remarkable career as she enters retirement.
- Donations are welcomed for the Endowment (tax deductible)
- [greg.raschke@ncsu.edu](mailto:greg.raschke@ncsu.edu)

ACM SIGSIM MSKR x Osman

Secure https://www.acm-sigsim-mskr.org sigsim.org

acm **ACM SIGSIM** Special Interest Group (SIG) on Simulation and Modeling (SIM) *M&S Knowledge Repository* Serving M&S Community

SIGSIM M&S Areas M&S Resources M&S Courseware



**Gas Cloud Simulation**  
A simulation of how a gas cloud that has been observed approaching the supermassive black hole at the centre of the galaxy.

View Page »

- » SIGSIM M&S Knowledge Repository
- » Osman Balci, Editor-in-Chief
- » Saikou Y. Diallo, Associate Editor
- » Navonil Mustafee, Associate Editor

**NEWS** Nominations are solicited for the ACM SIGSIM Distinguished Contributions Award.



**SIGSIM Digest & Blogs**  
Click the icon above to see Modeling and Simulation (M&S) related news and blogs.



**M&S Courseware**  
Can be used for teaching / learning M&S in an undergraduate or graduate level course.



**Call for Nominations**  
Nominations are solicited for the 2017 ACM SIGSIM Distinguished Contributions Award.

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  - Officers »
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**Welcome**

Founded in April 1969, Association for Computing Machinery (ACM) Special Interest Group (SIG) on Simulation and Modeling (SIM) aims to promote and disseminate the advancement of high quality state-of-the-art in Modeling and Simulation (M&S) across a broad range of interests and disciplines.

Call for Articles

Secure <https://www.acm-sigsim-mskr.org/callForArticles.htm>

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M&S Knowledge Repository  
Serving M&S Community

SIGSIM M&S Areas M&S Resources M&S Courseware

## Call for Articles

Multimedia tutorial/educational articles and resources are solicited for publication in the ACM SIGSIM Modeling and Simulation Knowledge Repository (MSKR).



2017 ACM SIGSIM PADS Conference will take place at the Nanyang Technological University, Singapore on May 24-26, 2017.

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Articles

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## Call for Articles

ACM SIGSIM Modeling and Simulation Knowledge Repository (MSKR) is a multimedia repository of knowledge about all kinds of M&S. Please browse through the *M&S Areas* menu above to see more than a dozen kinds (areas) of M&S.

Submissions are solicited for publication in the MSKR. All submissions will be reviewed. Submissions are expected to be in multimedia containing video, audio, graphics, animations, and hypertext. Each submission must contribute to the knowledge base in a way that is useful for M&S professionals, analysts, managers, researchers, educators, and students. We solicit content such as the following:

1. M&S tutorial/educational Articles with multimedia content (e.g., clicking a hyperlink should play a video file showing a visual simulation)
2. M&S Case Studies with multimedia content
3. M&S Literature Surveys with hyperlinks / multimedia content
4. M&S Courseware including lecture slides and multimedia course materials
5. Earlier developed well documented royalty-free M&S artifacts
6. M&S Conceptual Models in a Community of Interest
7. Tutorial Articles with multimedia content on M&S software products
8. Multimedia descriptions / presentations of ongoing M&S research projects
9. M&S Links of Interest (e.g., books, conferences, journals, organizations, societies, software)
10. List of M&S-related Ph.D. and M.S. Theses with hyperlinks
11. Other tutorial/educational resources considered useful for M&S professionals, analysts, managers, researchers, educators, and students

Submissions should be sent to MSKR Editor-in-Chief [Osman Balci](mailto:Osman Balci) at [balci@vt.edu](mailto:balci@vt.edu)

M&S Courseware

Secure | <https://www.acm-sigsim-mskr.org/Courseware/courseware.htm>

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*M&S Knowledge Repository*  
Serving M&S Community

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## M&S Courseware

- [Introduction to Modeling and Simulation](#)  
by [Osman Balci](#)
- [Parallel and Distributed Simulation](#)  
by [Richard M. Fujimoto](#)

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Contact information

- ACM, 2 Penn Plaza, Suite 701, New York, NY 10121-0701, USA
- 1 (212) 626-0605
- Email to SIGSIM Officers
- Email to webmaster Prof. Osman Balci

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See example courseware published.

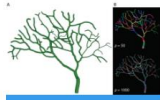


### Call for M&S Courseware

M&S Courseware is solicited for publication in the ACM SIGSIM Modeling and Simulation Knowledge Repository (MSKR).



Salmon Causing Mountain Erosion



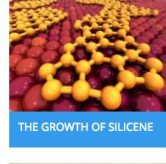
NEURON SIMULATED AT SUB-MICRON LEVEL



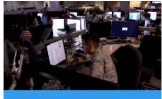
UNTANGLING MESHES



NASA SPACEWALK SIMULATOR



THE GROWTH OF SILICENE



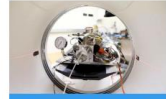
NORTH KOREA'S ICBM THREAT



PACIFIC NORTHWEST EARTHQUAKE SCENARIO



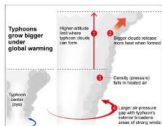
ONLINE SOCIAL BEHAVIOR



NEW WAYS OF REMOVING CARBON FROM THE ATMOSPHERE



OUR MINDS SIMULATING ALTERNATIVES



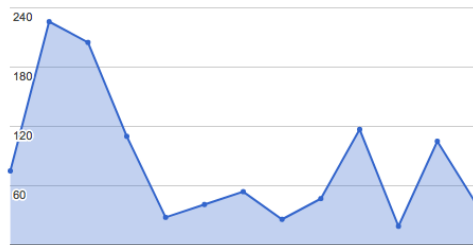
GLOBAL WARMING AND TYPHOONS



COUNTDOWN TO PANDEMIC FLU

Google Analytics Dashboard

One Year Sessions



Last year Stats

Sessions 1,095	Users 843	Page Views 2,583
Bounce Rate 33.79%	Organic Search 87	Pages/Session 2.36
Time on Page 00:00:40	Page Load Time 13.64	Session Duration 00:00:55

Site Information:

- Blog Type: Picture/Redirect to article
- 308 Posts cumulative (3 years)
- Views: 31,525 cumulative (3 years)
- Information taken from different M&S query-based feeds
- 63 Regular Email Subscribers (last year: 58) MailChimp used for Email delivery
- Occasionally posted on SIGSIM Mailing list (~ 2000 emails).

# Budget and Finances

## ACM SIGSIM

### WinterSim 2017

Kara A. Olson

SIGSIM Treasurer/Secretary

Wing Man Ho

SIG Financial Operations Manager

# Wording

Total Financial Operations of SIGSIM

=

Organization Operations

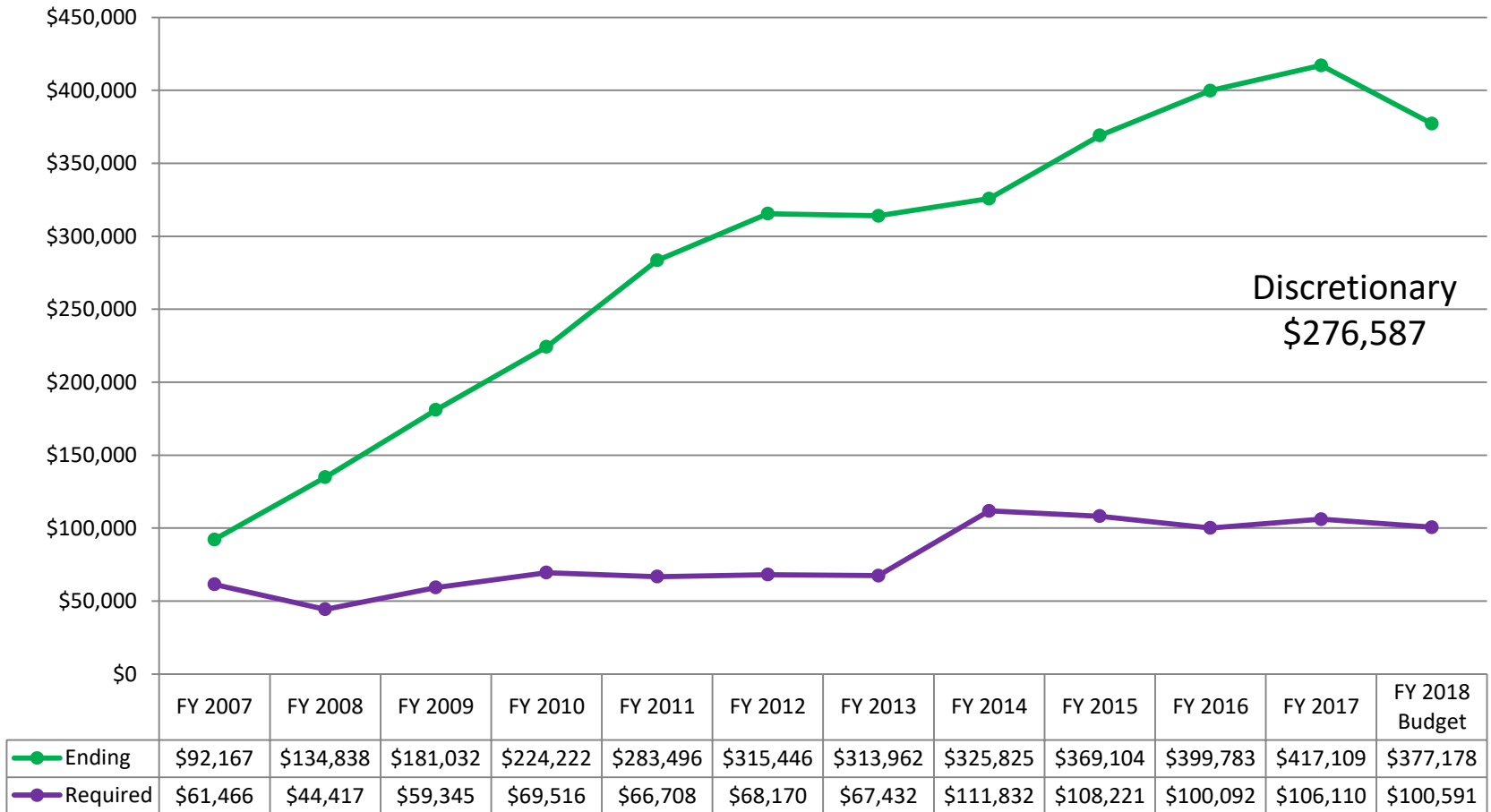
(Organization Revenues - Organization Expenses)

+

Conference Operations

(Conference Revenues - Conference Expenses)

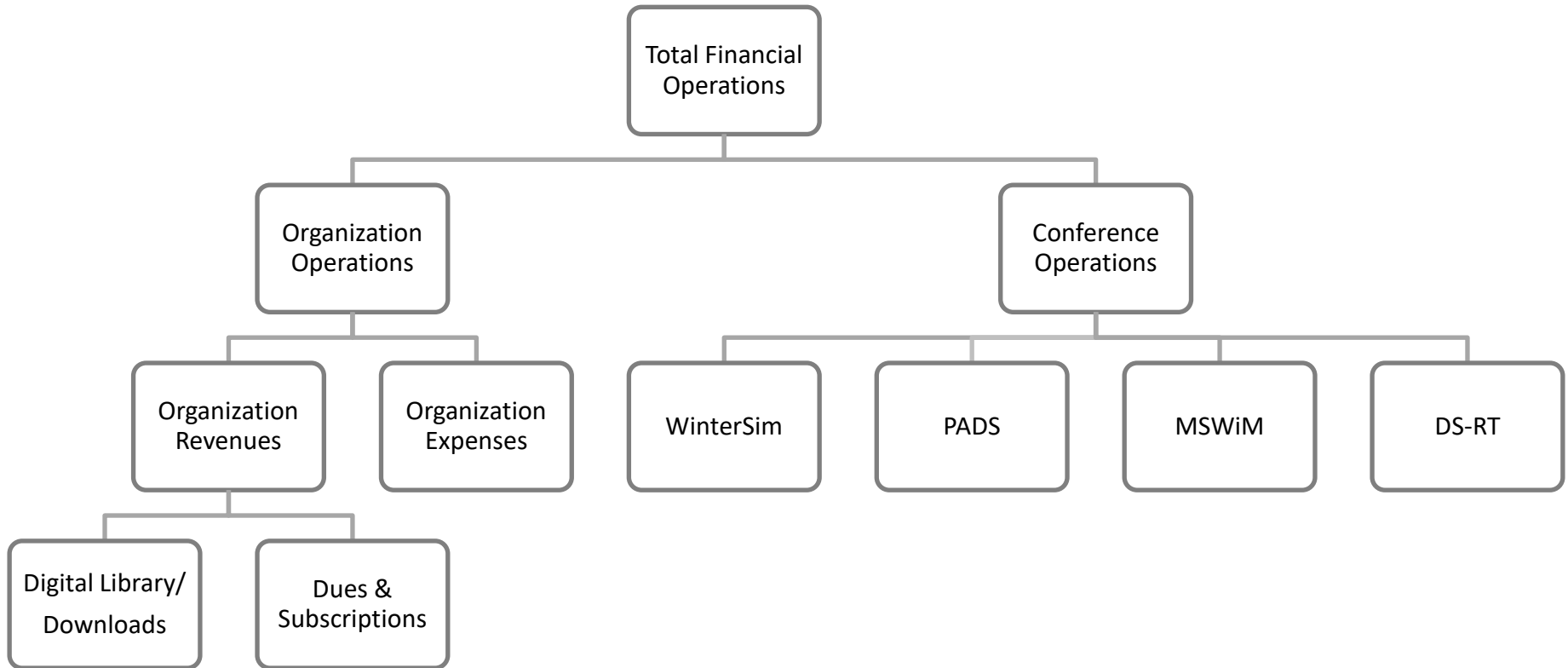
# Fund Balance



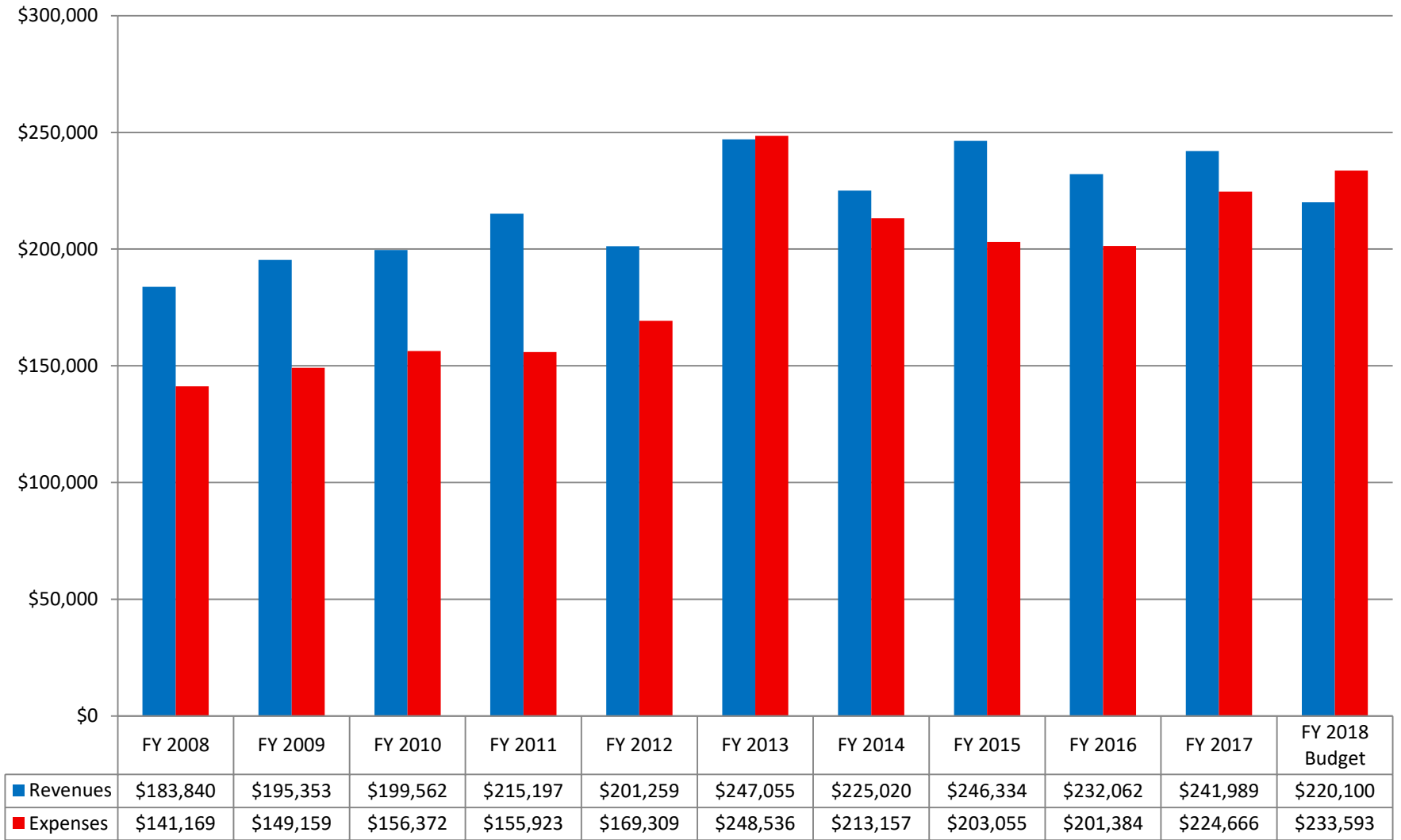
Required: ACM requires sub-units to maintain reserves against unexpected occurrences  
50% of organization expenses + 40% of conference expenses

Fiscal year 2018: organization activities July 2017 - June 2018 +  
conference activities March 2017 - February 2018

# Details

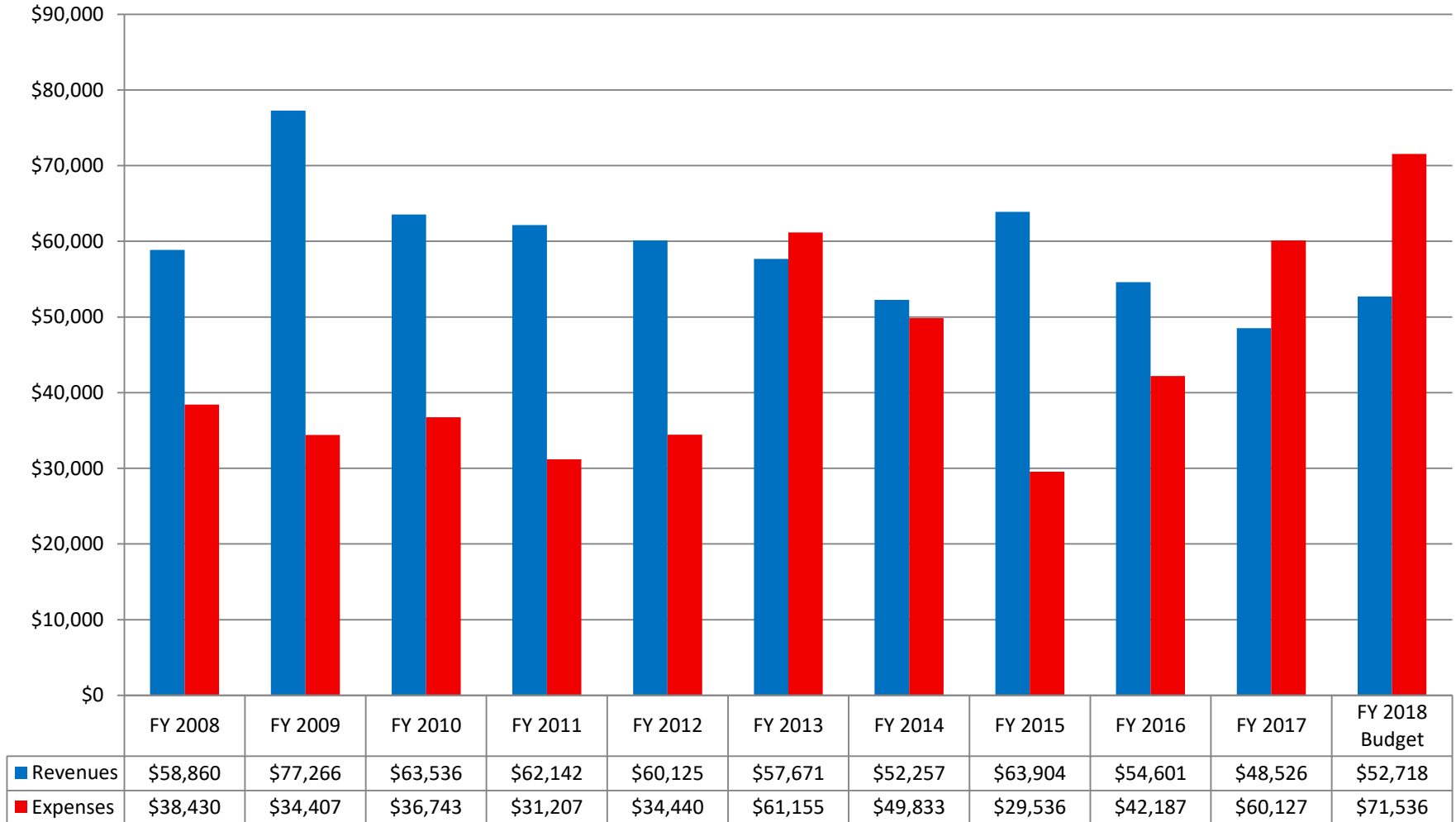


# Total Financial Operations



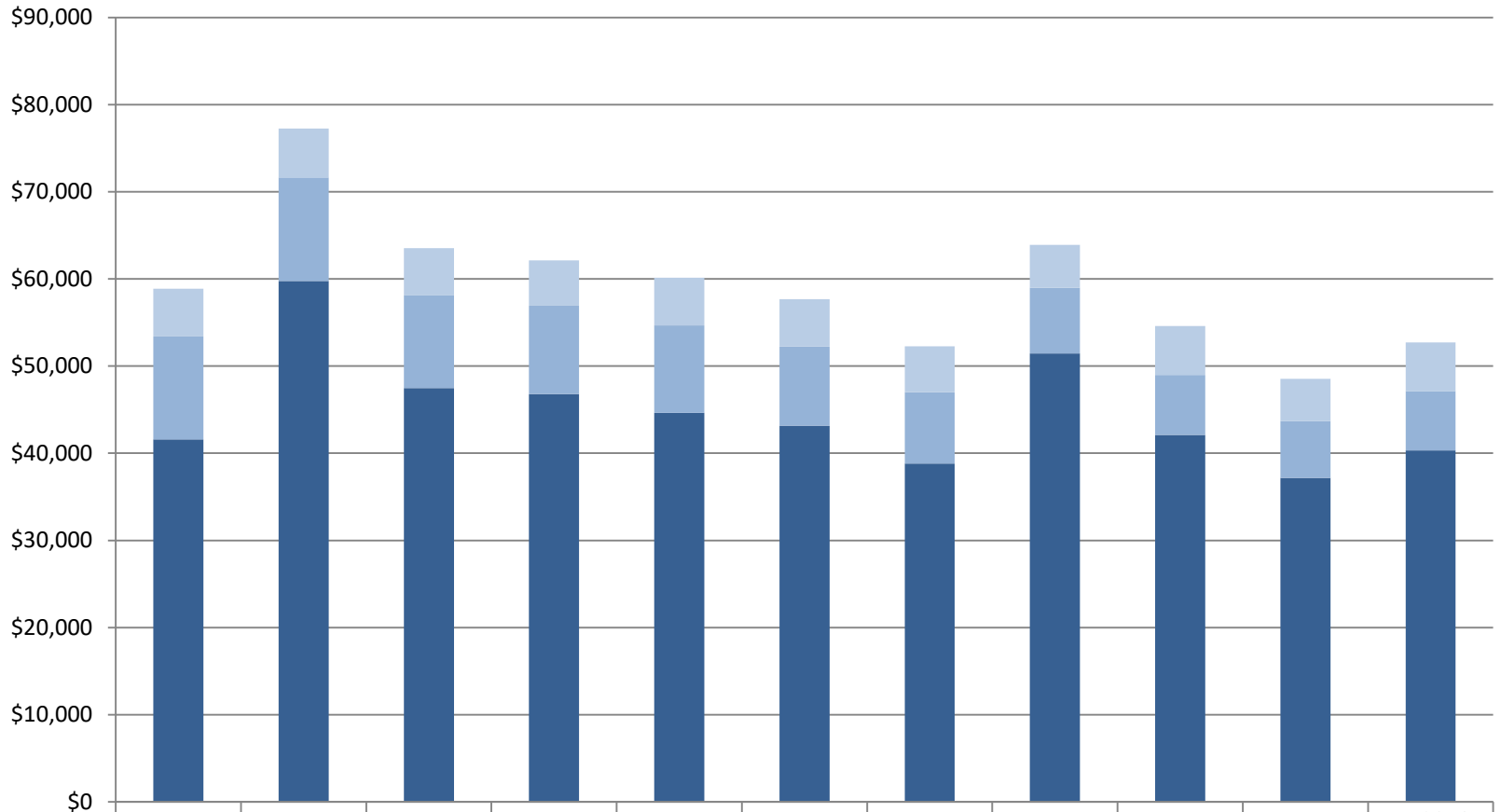
# Organization Operations

(Recall: does not include Conference Operations)



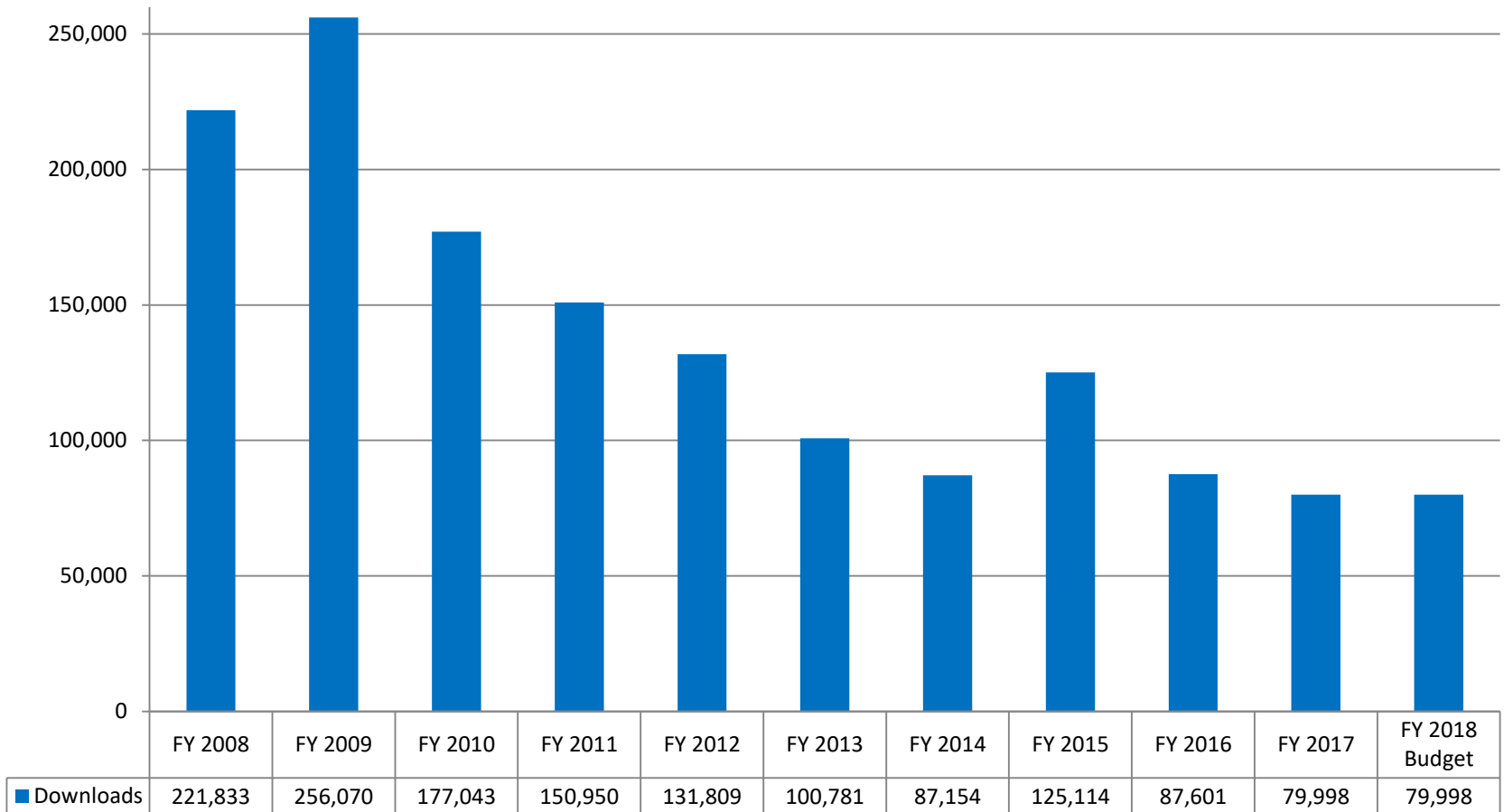
↖ FY 2013 – new student travel funding

# Organization Revenues



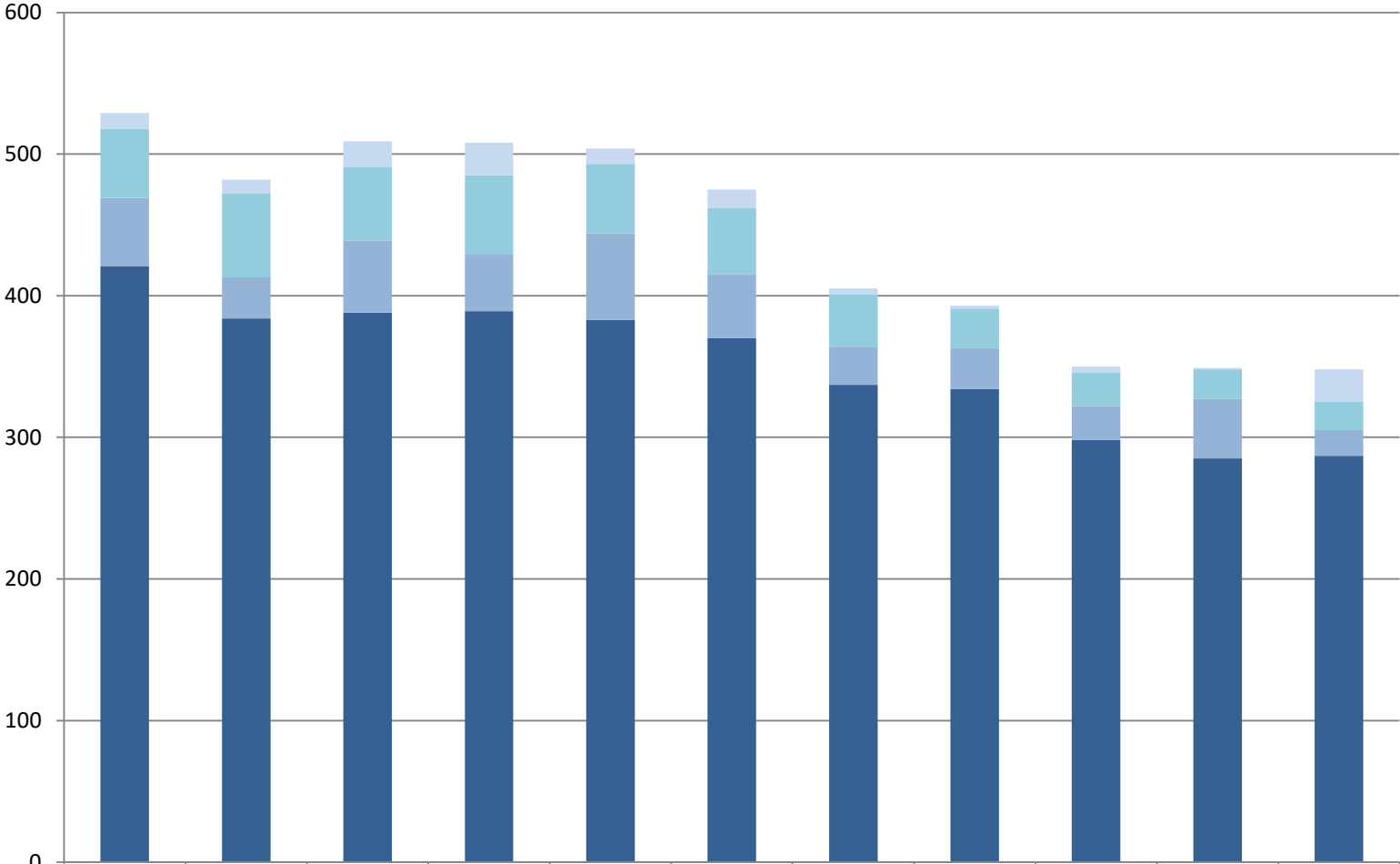
	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018 Budget
Interest and All Other	\$5,463	\$5,619	\$5,374	\$5,222	\$5,458	\$5,454	\$5,245	\$4,918	\$5,634	\$4,836	\$5,579
Dues & Subscriptions	\$11,803	\$11,891	\$10,683	\$10,129	\$10,018	\$9,047	\$8,194	\$7,528	\$6,861	\$6,510	\$6,822
Digital Library	\$41,594	\$59,756	\$47,479	\$46,791	\$44,649	\$43,170	\$38,818	\$51,458	\$42,105	\$37,180	\$40,317

# Digital Library/Downloads



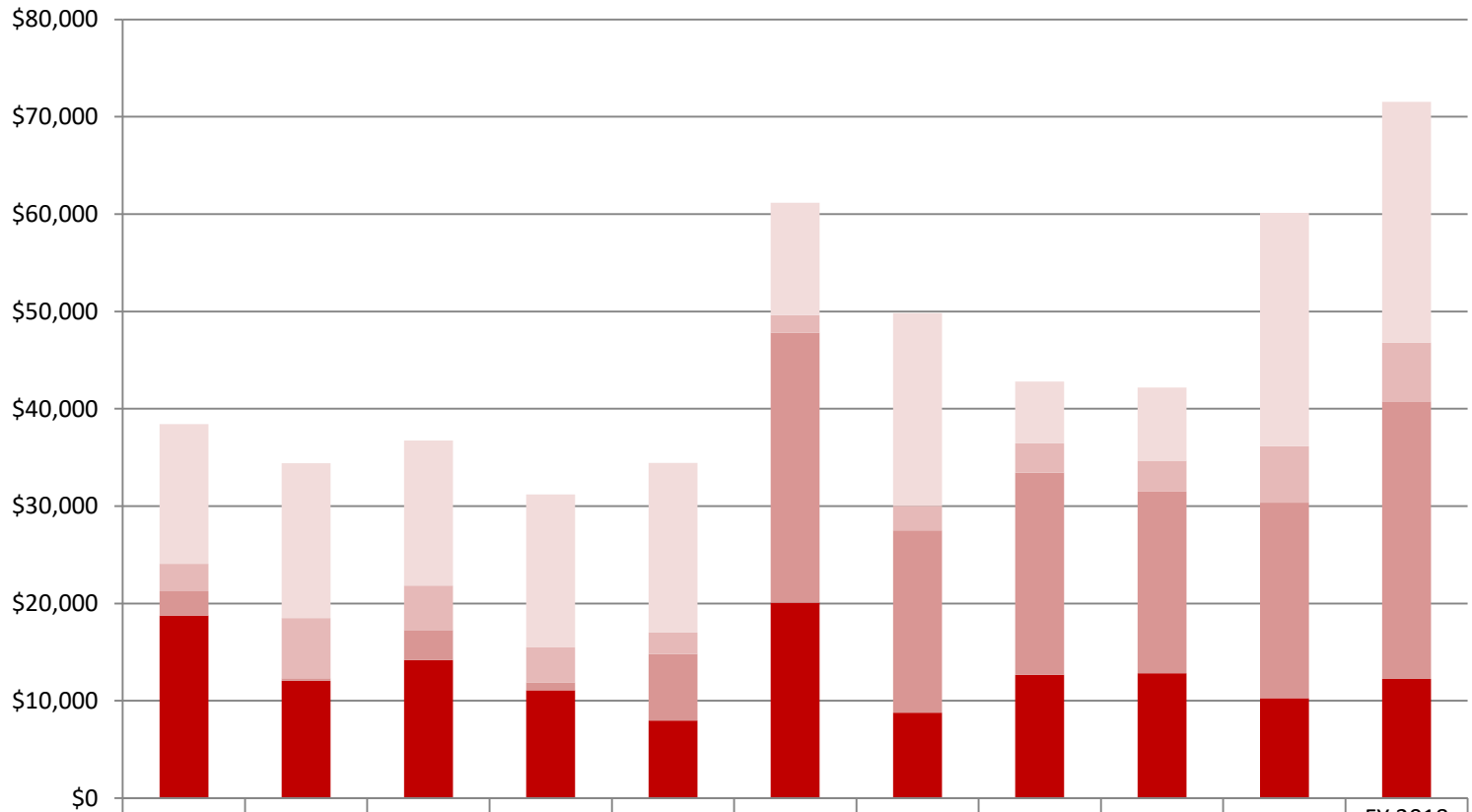
- Each SIG receives income from the Digital Library based on downloads (minimum \$10K)
- Downloads decreased notably starting in 2010 in part due to new open access of Winter Simulation Conference papers
- Downloads later increased due to pre-print availability of TOMACS and other articles

# Dues & Subscriptions



	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018 Budget
Subscribers	11	10	18	23	11	13	4	2	4	1	23
Student Members	49	59	52	56	49	47	37	28	24	21	20
SIG-Only Members	48	29	51	40	61	45	27	29	24	42	18
Professional Members	421	384	388	389	383	370	337	334	298	285	287

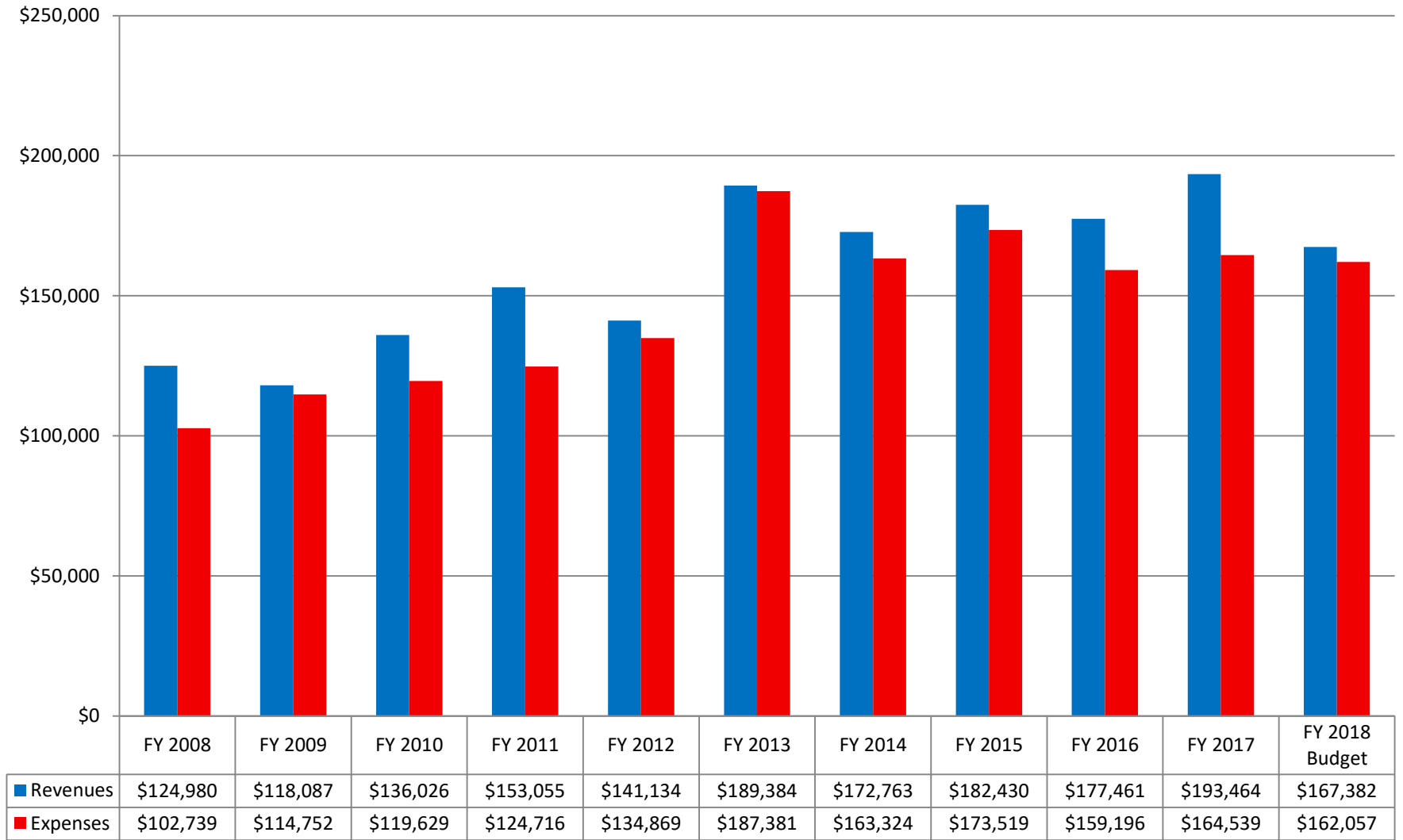
# Organization Expenses



	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018 Budget
All Other (incl. Allocation)	\$14,347	\$15,890	\$14,920	\$15,726	\$17,427	\$11,515	\$19,787	\$6,342	\$7,523	\$23,955	\$24,739
Travel and Meetings	\$2,841	\$6,193	\$4,545	\$3,575	\$2,193	\$1,804	\$2,523	\$3,017	\$3,162	\$5,796	\$6,050
Grants, Awards, Special Projects	\$2,468	\$264	\$3,085	\$808	\$6,850	\$27,735	\$18,729	\$20,777	\$18,684	\$20,093	\$28,500
Production and Distribution	\$18,774	\$12,060	\$14,193	\$11,098	\$7,971	\$20,101	\$8,794	\$12,668	\$12,818	\$10,282	\$12,247

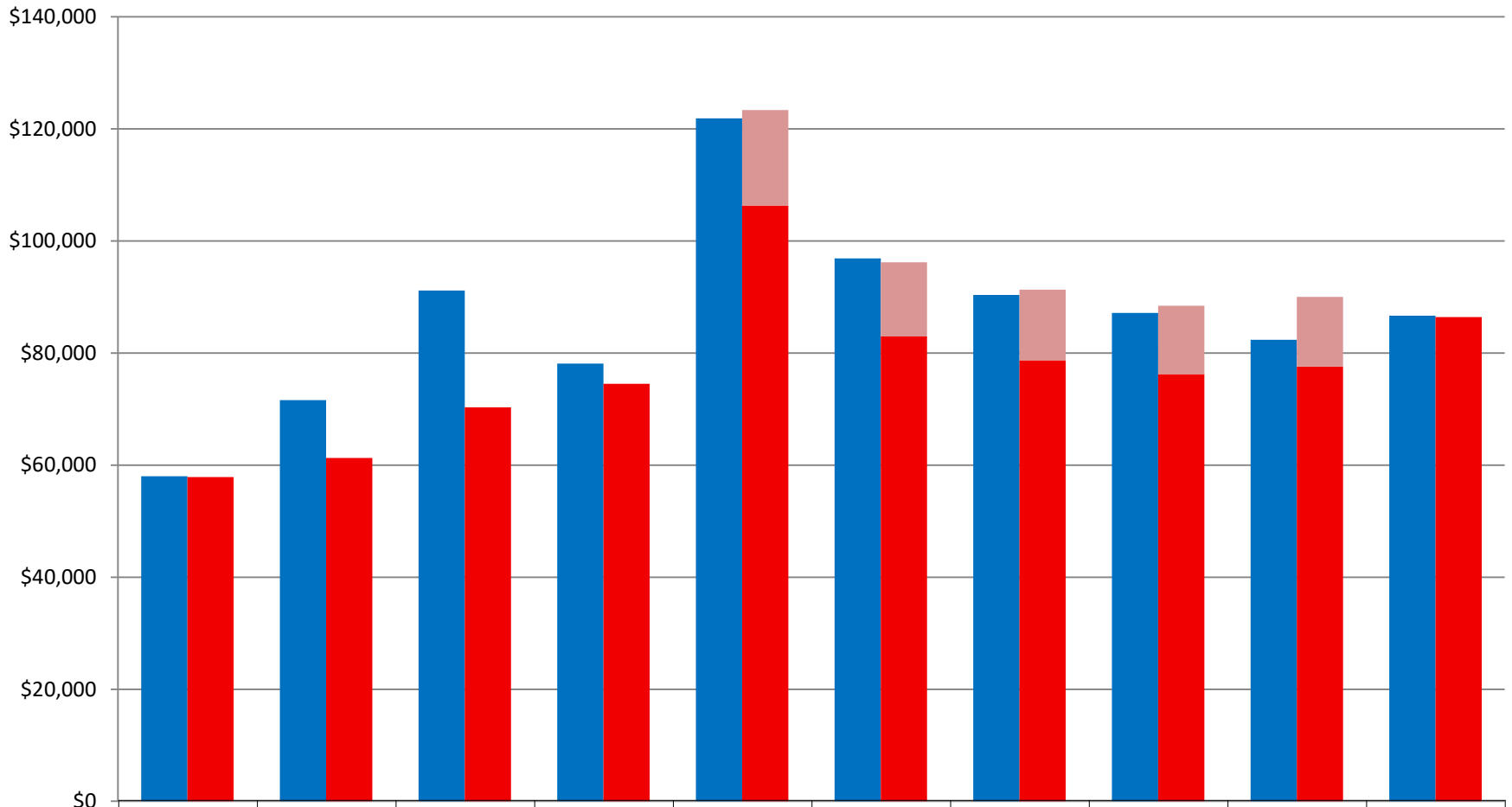
- Allocation is required by ACM and goes toward overhead; the formula is the same for all SIGs and is based on expenses

# Conference Operations



# Winter Simulation Conference (December)

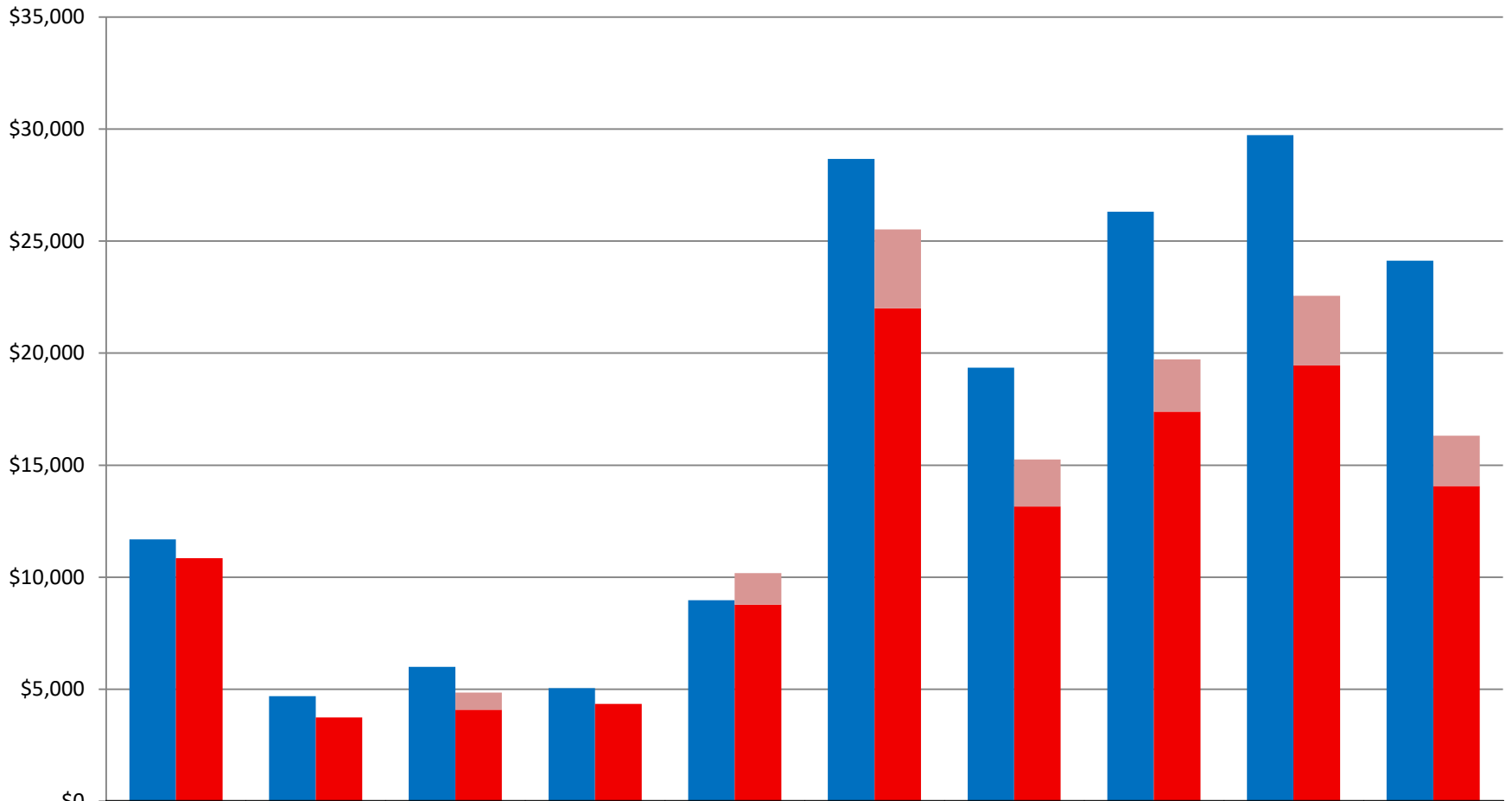
## 25% sponsor



	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
	Miami, FL	Austin, TX	Baltimore, MD	Phoenix, AZ	Berlin, Germany	Washington, DC	Savannah, GA	Huntington Beach, CA	Arlington, VA	Las Vegas, NV
Revenues	\$58,002	\$71,586	\$91,146	\$78,084	\$121,845	\$96,864	\$90,363	\$87,148	\$82,346	\$86,629
Expenses	\$57,874	\$61,277	\$70,287	\$74,501	\$106,311	\$82,925	\$78,691	\$76,232	\$77,580	\$86,404
Allocation	-	-	-	-	\$17,010	\$13,268	\$12,591	\$12,197	\$12,413	-

# PADS – Principles of Advanced Discrete Simulation (May)

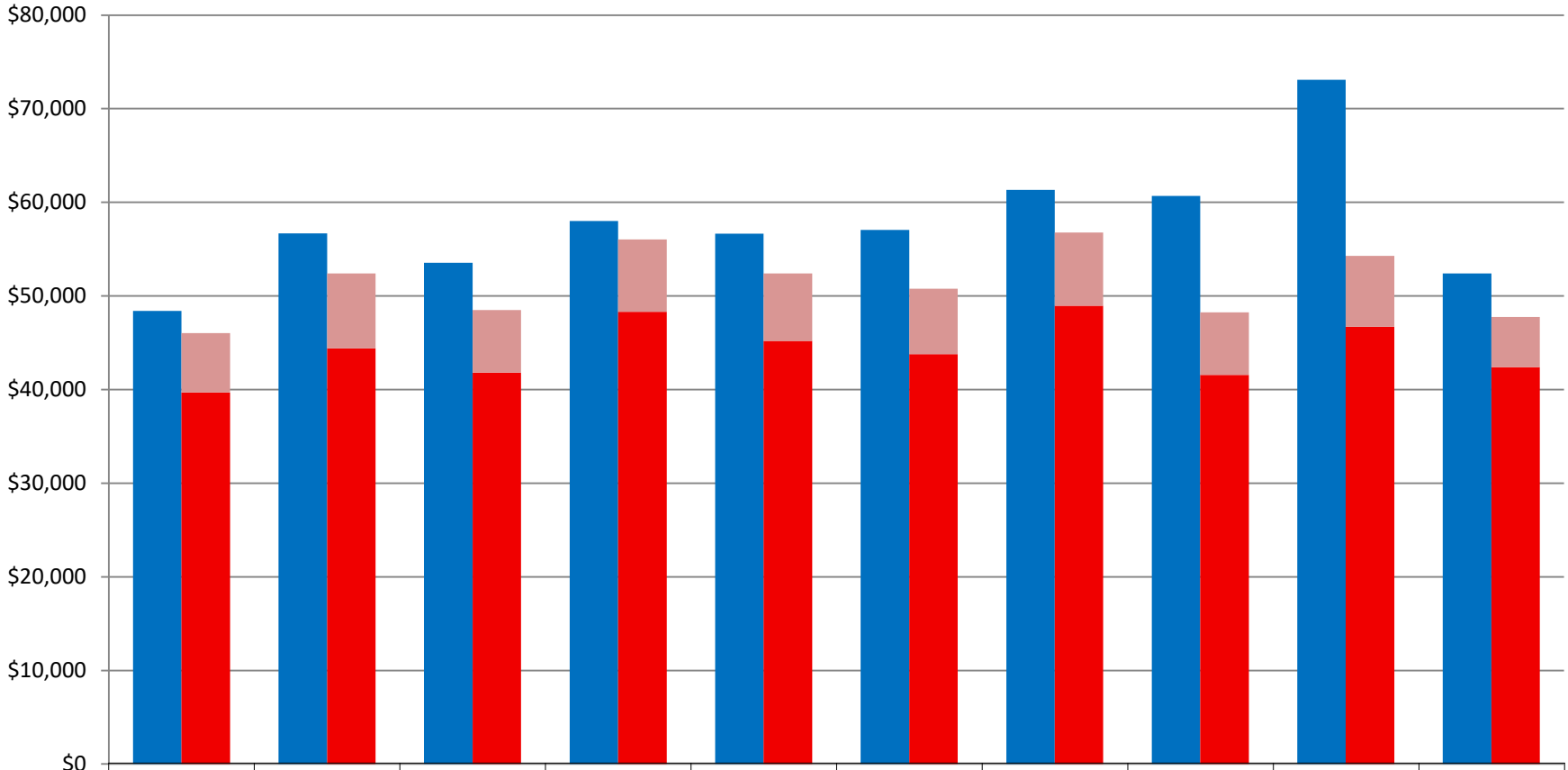
100% sponsor since 2013 (33% sponsor prior)



	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Revenues	\$11,685	\$4,692	\$6,001	\$5,055	\$8,974	\$28,662	\$19,350	\$26,305	\$29,720	\$24,130
Expenses	\$10,849	\$3,744	\$4,094	\$4,345	\$8,783	\$22,000	\$13,152	\$17,385	\$19,447	\$14,067
Allocation	-	-	\$758	-	\$1,405	\$3,520	\$2,104	\$2,338	\$3,112	\$2,251

# MSWiM – Modeling, Analysis and Simulation of Wireless and Mobile Systems (November)

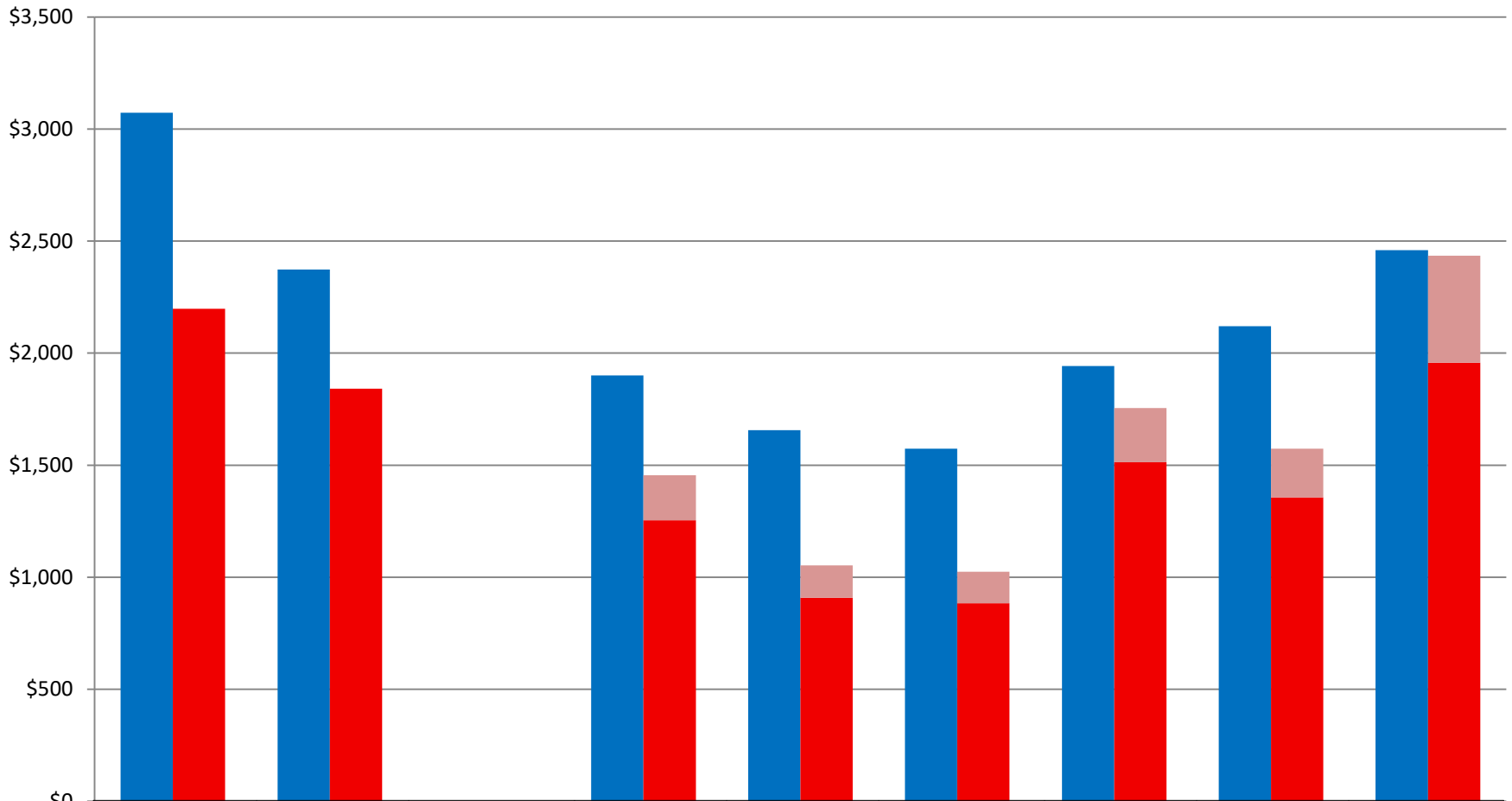
100% sponsor



	2008 Vancouver, BC, Canada	2009 Tenerife, Spain	2010 Bodrum, Turkey	2011 Miami Beach, FL	2012 Paphos, Cyprus	2013 Barcelona, Spain	2014 Montreal, QC, Canada	2015 Cancun, Mexico	2016 Malta - Not Yet Recorded	2017 Miami Beach, FL Budget
■ Revenues	\$48,400	\$56,675	\$53,535	\$57,995	\$56,665	\$57,055	\$61,325	\$60,695	\$73,104	\$52,410
■ Expenses	\$39,680	\$44,415	\$41,804	\$48,296	\$45,188	\$43,778	\$48,952	\$41,582	\$46,725	\$42,415
■ Allocation	\$6,349	\$7,995	\$6,689	\$7,727	\$7,230	\$7,004	\$7,832	\$6,653	\$7,562	\$5,337

# DS-RT – Distributed Simulation and Real Time Applications (Sept.)

10% sponsor



	2009 Singapore	2010 Fairfax, VA	2011 Salford, England	2012 Dublin, Ireland	2013 Delft, Netherlands	2014 Toulouse, France	2015 Chengdu, China	2016 London– Not Yet Recorded	2017 Rome, Italy Budget
■ Revenues	\$3,073	\$2,373	(disconnect	\$1,900	\$1,656	\$1,574	\$1,943	\$2,120	\$2,460
■ Expenses	\$2,198	\$1,841	with	\$1,254	\$908	\$884	\$1,513	\$1,357	\$1,957
■ Allocation	-	-	organizers)	\$201	\$145	\$141	\$242	\$217	\$478



**SIGSIM PADS 2018**

**Rome, Italy**

**May 23-25, 2018**

**General Chairs: Francesco Quaglia & Alessandro Pellegrini**

**Program Chair: Georgios Theodoropoulos**

**RCR Chair: Adelinde Uhrmacher**

**PhD Colloquium Chair: Kevin Jin**

**Publicity Chair: Cristina Montañola-Sales**

**Financial and Registration Chair: Davide Cingolani**



- **Publicity**

- CFP was sent to various mailing lists in Aug, Oct, and Nov (will be sent again one month and one week before the deadline set in early Jan'18)
- Publicized widely in Europe

- **PADS joins the RCR initiative!**

- For the first time, a dedicated committee will replicate accepted papers' results
- Special badges will be applied to papers

- **Program Elements**

- PhD Colloquium: May 23, 2018 (Wednesday morning)
- Main conference: May 23-25, 2018 (starting from Wednesday afternoon)
  - Regular paper deadline: January 8, 2018
  - Regular and short papers (with option for RCR)
  - Special issue in TOMACS
  - Inclusion of the TOMACS to PADS path for conference presentation of TOMACS accepted articles (some candidate is already standing)



**SIGSIM**

*ACM SIG on Simulation and Modeling*

## Education Committee

Dr David Bell (Chair)

Dr Simon Kent

Dr Sergio De Cesare

Dr Alan Serrano

# WSC and SIGSIM-PADS SIGSIM Student Travel Support

## **Awards**

To support the professional development of Ph.D. students working in the field of modeling and simulation, SIGSIM offers travel support for up to 15 students to attend the Winter Simulation Conference (10) and ACM SIGSIM PADS (5).

Individual awards of up to \$1000 will be made. These awards can be used for travel, lodging, and registration expenses. Awardees will need to submit receipts for reimbursement after attending the conference.

## **Dates**

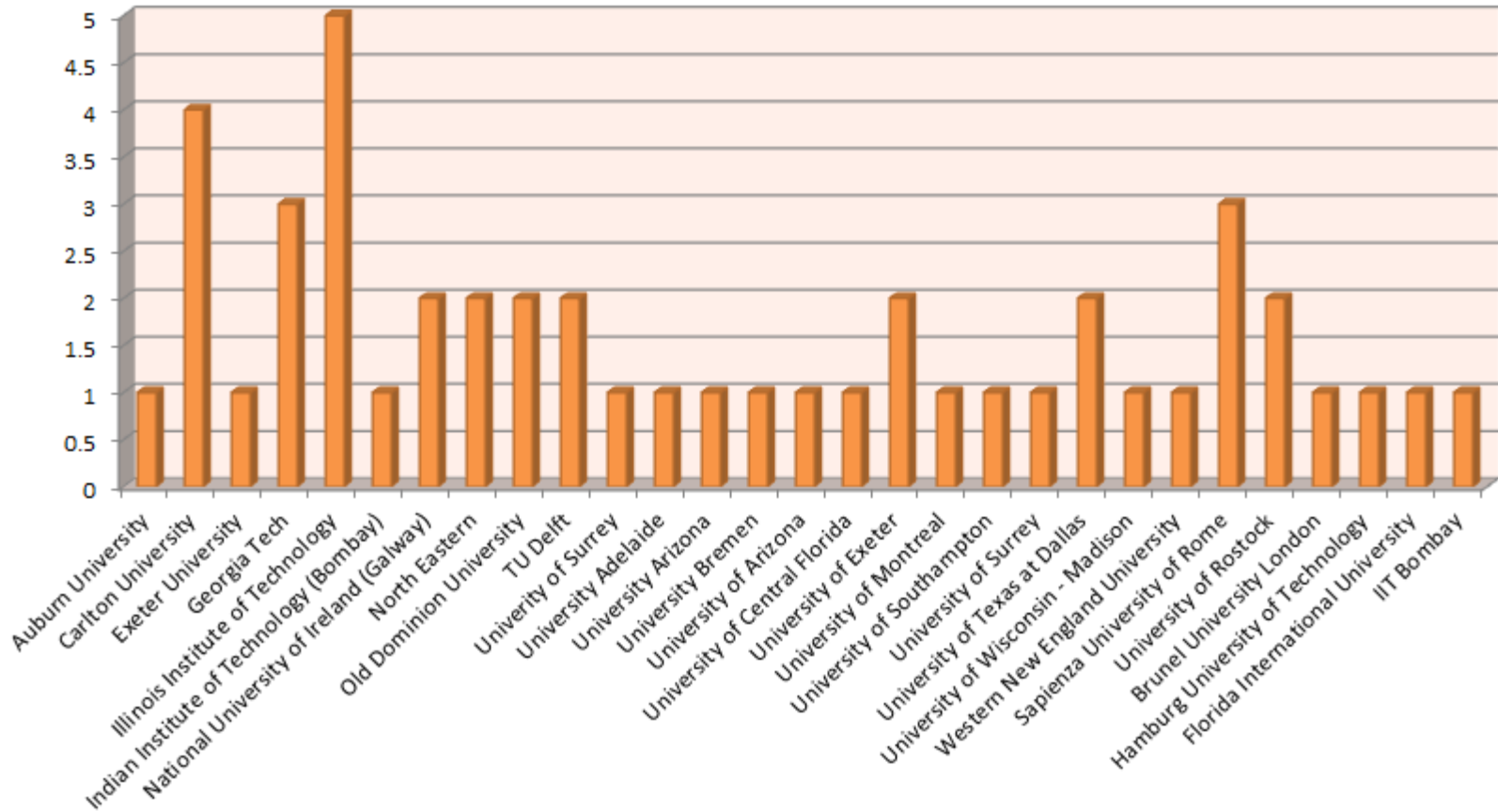
Application materials should be submitted to the SIGSIM Student Travel Awards Committee at least three months prior to the conference start date.

Students will be notified of award decisions within one month.

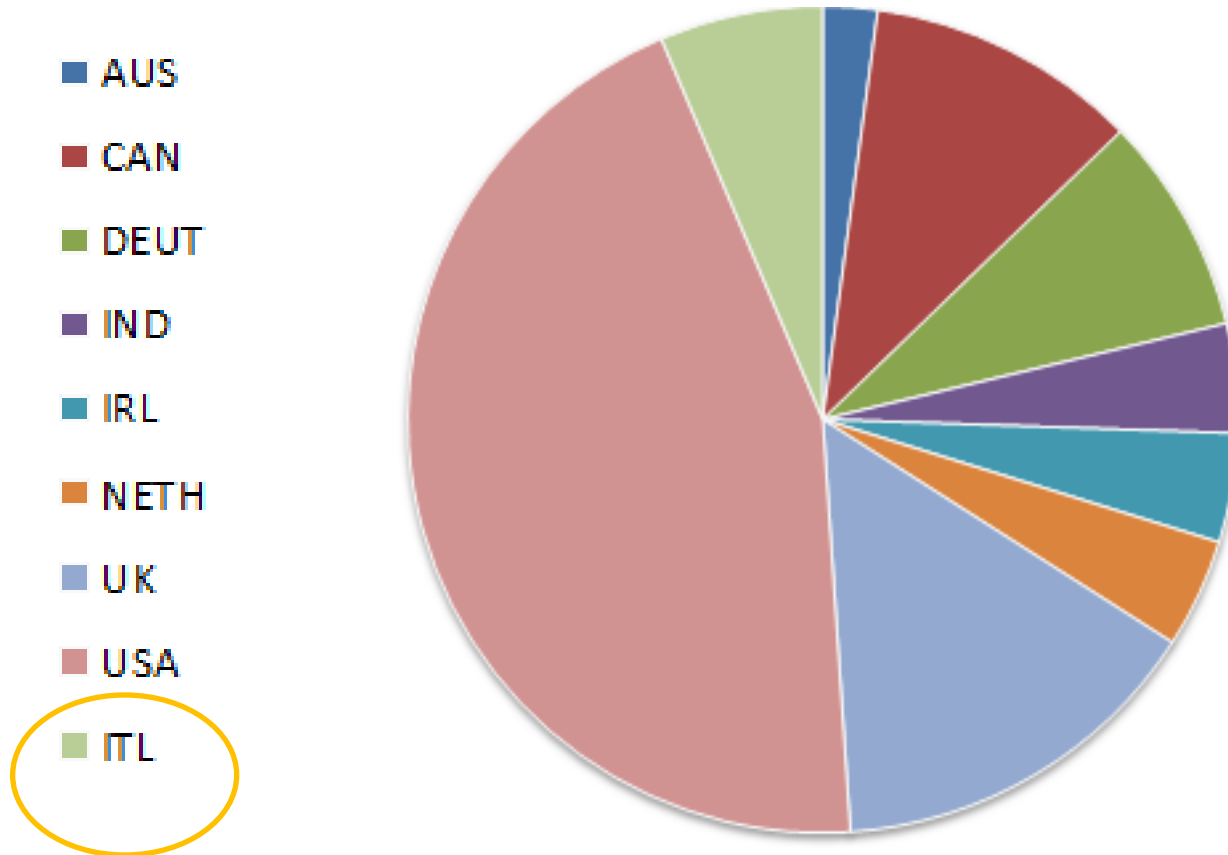
# PADS and WSC SIGSIM Student Travel Support

- PADS 2017, 6 Applicants, 5 (max) Supported
  - *Davide Cingolani (Sapienza University Rome)*
  - *Romolo Marotta*
  - *Mauro Ianni*
  - *Oliver Reinhardt (University of Rostock)*
  - *Xin Liu (IIT)*
- WSC 2017, 11 Applicants, 10 (max) supported
  - *Alison Harper (Exeter University)*
  - *Tom Warnke (University of Rostock)*
  - *Cristina Ruiz (Carlton University)*
  - *Diana Suleimenova (Brunel University London)*
  - *Kai G. Mertens (Hamburg University of Technology)*
  - *Sabra Neil (Georgia Tech)*
  - *Mahmoud Elbattah (National University of Ireland - Galway)*
  - *Kishwar Ahmed (Florida International University)*
  - *Chitaranjan Mahapatra (IIT Bombay)*
  - *Rana Azghani (Northeastern University)*

# Recipient Institutions since WSC 2014



# Recipient Countries since WSC 2014



## *PADS 2018 & WSC 2018*

*Continue to improve publicity to increase applications*

→ Web & Social Media

# General Discussion



- SIGSIM Elections this Fall
  - Simon is Chair of this activity
- SIGSIM-PADS 19 & 20
  - 2019 – Chicago, IL chaired by Kevin Jin
  - 2020 – need a host city and organizer
- SIGSIM Conferences on CS Rankings
  - [csrankings.org](http://csrankings.org) is an interesting project ranking the various conferences
  - Some Universities consider these rankings carefully for promotion and tenure; there isn't currently a simulation or modelling entry
  - Should we strive to get SIGSIM-PADS on the list?
  - If SIGSIM-PADS were to "rank" on this site, it could lead to more quality submissions, increase attendance at the conference, and lead to more exposure and prestige

# Actions From Last Year



- Lifetime membership to SIGSIM
  - Lifetime memberships only possible at ACM level; not SIG level
- One year membership in SIGSIM when attending a 100% SIGSIM sponsored conference
  - True for Colloquium students
- Increase diversity in SIGSIM conferences and leadership
  - Should we set goals for organizing committee chair positions?
- ACM Fellows
  - None from SIGSIM in 2016 class
  - New informal SIGSIM committee pulled together nomination for 2017 – awaiting announcement