

Minutes of the ACM SIGSIM Membership Meeting, conducted On Dec 11, 2018, during the Winter Simulation Conference in Gothenburg, Sweden

1 Welcome

17:30 Call to order

2 Awards

17:35 Pierre L'Ecuyer presents ACM SIGSIM Distinguished Contributions Awards to Lin Uhrmacher. Pierre recognized her numerous accomplishments in all nomination categories.

Anastasia Anagnostou presented the PhD Award to Matias Bonaventura.

David Bell reported from the SIGSIM Education Committee. Up to \$1,000 to up to 20 students – in total – to WSC, PADS, and MSWiM.

- Discussion: Shall we support DS-RT as well. Current plans already included to increase the number of travel grants to 25.

3 Journal Reports

3.1 TOMACS

17:45 Lin Uhrmacher presented the information. More than 100 papers per year, steady influx, acceptance rate app. 27%. Time to decision decreased for regular papers from 60 days to 40 days. A reproducibility board has been established. The RCR report will be published as supplemental material accompanying the paper in the DL. Lin also presented the accomplishments of the last six years, as her tenure as chief editor comes to an end.

3.2 JOS

17:55 Simon Taylor presented the information. Acceptance rates are app. 20%, review time under 100 days. JOS moved to a new publisher in 2018 as presented at the last membership meetings.

4 Conference Report

4.1 MSWiM

18:05 This year's MSWiM was the 21st conference, acceptance rate of 25%, 110 attendees with papers from around the world) details are given in the presentation). Focus is wireless communications.

4.2 PADS

18:10 This year's PADS was conducted in Rome, with 15 accepted papers) acceptance rate 33%), with European papers and North American submissions dominating. Technical

committee can be diversified. PADS joined the Reproducibility initiative. PADS supports the journal first publication model in collaboration with TOMACS. PhD colloquium will be revisited.

Next year's conference will be in Chicago, IL, June 3-5, 2019. Deadline for submissions is January 7, 2019. PADS 2020 will be held in Miami, FL, on the FIU campus.

5 Outreach

5.1 Simulation Archive

18:20 Jim Wilson gave the report of the NCSU based Simulation Archived. A new agreement with NCSU defines the roles, advisory committee roles and rotations. The acquisition of Brian Hollocks' work will include new approaches to embrace the history of simulation, as not only publications are archived, but also hard- and software contributions of historical value.

6 Budget and Finances

Agenda point 7 was presented before the finances, as the budget data are publicly available, and several SIGSIM members needed to leave on time.

18:35 Andreas Tolk presented the slides prepared by Kara Olson. Overall, the presentation showed that the ACM headquarters supports SIGSIM more than originally perceived. The financial situation of SIGSIM is sound, although the stagnation of the member numbers on current levels still needs improvement.

7 General Discussion and new business

18:25 Margaret Loper presented several points for discussion and ask for member input.

- Increase diversity is an ongoing goal.
- SIGSIM turns 50 in 2019, the BOD encourages ideas how to celebrate it.
- New forms of recognition for service, education, impact, etc. were discussed.
- PADS needs a sponsor and place for 2021
- More engagement with other SIGSIM sponsored activities is under discussion, including international conferences (Australia, Germany, Japan, etc.)
- Committee for Digital Media Outreach has been established
- SIGSIM membership benefits include getting CDs from SIGSIM sponsored conferences. However, members in the room do not want to get a CD or USB, but instead downloadable links are better.

The meeting was closed at 18:40.

*Minutes taken by Andreas Tolk
December 20, 2018*

28 members and 5 additional participants in attendance



SIGSIM

ACM SIG on Simulation and Modeling

Membership Meeting
Winter Simulation Conference
11 December 2018

Agenda



SIGSIM

ACM SIG on Simulation and Modeling

1. Welcome and Agenda (Loper)
2. Awards
 - SIGSIM Distinguished Contributions Award ([Pierre L'Ecuyer](#))
 - WSC PhD Colloquium and Best Paper Award ([Anastasia Anagnostou](#))
 - SIGSIM Student Travel Awards ([David Bell](#))
3. Journal Reports
 - TOMACS ([Lin Uhrmacher](#))
 - JOS ([Simon Taylor](#))
4. Conference Reports
 - MSWIM 2018 ([Simon Taylor](#))
 - SIGSIM-PADS 2018 ([Alessandro Pellegrini](#))
 - SIGSIM-PADS 2019 and 2020 ([Kevin Jin](#))
5. Outreach
 - Simulation Archives ([Jim Wilson](#))
6. Budget and Finances ([Andreas Tolk](#))
7. General Discussion and New Business (Loper)

Actions From Last Year



- PhD Colloquium Awards
 - All PhD best paper award winners from SIGSIM sponsored conferences will receive a \$200 check
- Digital Media Outreach Committee (Chair: Chris Carothers)
 - Email (SIGSIM Chair)
 - Twitter (Gabriel Wainer)
 - LinkedIn (Chris Carothers)
 - SIGSIM Digest (Paul Fishwick)
 - Social Media Aggregator (John Tufarolo)
- Increase number of student travel grants 15 -> 25
 - WSC, SIGSIM-PADS + MSWIM

General Discussion



- Increase diversity in SIGSIM conferences and leadership
 - Do we need a policy or should we set goals for conference committees?
 - Should we join forces in the M&S community (e.g., SCS) to create programs or policies? Should we do a study to see what diversity looks like across M&S conferences - keynotes, PC chairs, awards?
- SIGSIM turns 50 in 2019!
 - Started in April 1969
- Other types of awards or recognition
 - Ex: service, education, social impact
- SIGSIM-PADS
 - 2021 – need a host city and organizer
- Engage other SIGSIM sponsored conferences
 - Russell Barton: Simulation Workshop (summer 2020, at State College PA)
 - In-cooperation support of many conferences including: SIMUTools, SpringSim, SummerSim, SIMULTECH, VRToolsEd, BICT and HPCS
 - Joint/federated conference across many/all smaller M&S conferences: SCS, ModSim World, SIW, SimulTech, SimuTools, DS-RT, etc

ACM SIGSIM



Distinguished Contributions Award

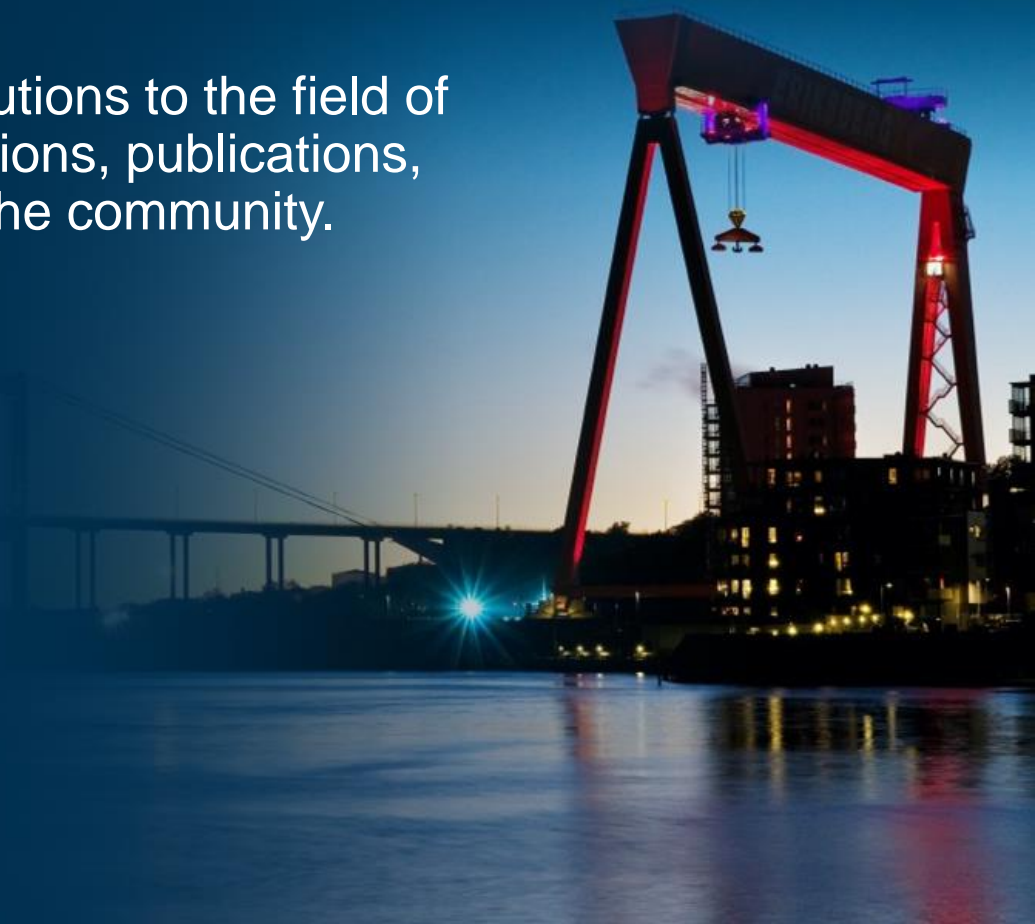
Recognizes individuals based on their overall contributions to the field of modeling and simulation, including technical innovations, publications, leadership, teaching, mentoring, and service to the community.

Selection Committee:

Pierre L'Ecuyer (Chair)

Paul Fishwick

Osman Balci



ACM SIGSIM



2018 Distinguished Contributions Award Recipient



Adelinde Uhrmacher





Winter Simulation Conference 2018
Gothenburg, Sweden | December 9-12

WSC'18 PhD Colloquium

Committee members:

Anastasia Anagnostou (Chair)

Brunel University London, UK

Emily Lada

Meredith College

Weiwei Chen

Rutgers University

Jose Padilla

Old Dominion University

WSC'18 PhD Colloquium overview

- **Colloquium Format**

- Presentations: **25** final year students give talks showcasing their work
- Poster session for open and interactive discussion
- All candidates get conference fees reimbursed, 1 year society membership (I-Sim, ACM SIGSIM)

- **Keynote (J2, Sunday 1-2pm)**

- Title: **Are You Building and Using the Best Model?**
- Speaker: **Prof Stewart Robinson** (Loughborough University, UK)

- **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'18 PhD Colloquium – Presentations I

J2 – Sunday 2:15pm-3:45pm

- Pipelines and Their Compositions for Modeling and Analysis of Controlled Online Networked Social Science Experiments
[Vanessa I. Cedeno-Mieles \(Virginia Tech; Escuela Superior Politécnica del Litoral, ESPOL\)](#)
- Bringing Together Lean, Simulation and Optimization in a Framework for System Design and Improvement
[Ainhoa Goienetxea Uriarte \(University of Skövde\)](#)
- A Hybrid Systems Approach using Real-Time Data and Computer Simulation: A Research Framework and its Implementation in the Context of Urgent and Emergency Care
[Alison Harper \(University of Exeter\)](#)
- Improving Make-Ahead Chemotherapy Drug Policies at Outpatient Infusions Centers
[Donald Richardson \(University of Michigan\)](#)
- Development of a Generic System Dynamics-Discrete Event Simulation Hybrid Modelling Framework
[Omogbai Oleghe \(Cranfield University\)](#)
- Can We Learn from Wrong Models? An Experimental Study on Learning from Oversimplified Simulation Models
[Naoum Tsiptsias \(Loughborough University\)](#)
- Dynamic Generation of a Sparse Forest Biomass Origin Points Network
[Mika Aalto \(Lappeenranta University of Technology\)](#)
- A Discrete Event Simulation Model to Test Multimodal Strategies for a Greener and More Resilient Wood Supply in Austria
[Christoph Kogler \(University of Natural Resources and Life Sciences, Vienna\)](#)
- Green Simulation Optimization Using Likelihood Ratio Estimators
[David J. Eckman \(Cornell University\)](#)
- Modelling and Generating Nonhomogeneous Poisson Processes Using a Spline Function
[Lucy E. Morgan \(Lancaster University\)](#)
- Linking Simulation Conceptual Modeling to Construction Planning: A Last Planner® Driven Approach
[Mohammed Adel Abdelmegid \(The University of Auckland\)](#)
- Improving Capacity and Resource Distribution in Police Custody
[Heather Alexandra Callaghan \(Loughborough University\)](#)
- Supporting Agent-based Modeling and Simulation in Demography
[Oliver Reinhardt \(University of Rostock\)](#)



WSC'18 PhD Colloquium – Presentations II

J2 – Sunday 4:00pm-5:30pm

- Agent-based Simulation of the Heating Market using the MCDA Method PROMETHEE
[Beatriz Beyer \(University of Göttingen\)](#)
- Resilience Measurement of the Financial System Considering Recovery Solutions
[Mingying Song \(The University of Hong Kong\)](#)
- Optimizing the In-house Supplying Routes in the Automotive Industry
[Marcelus Fabri Lima \(Universitat Pompeu Fabra, SEAT S.A.\)](#)
- Provably Improving the Optimal Computing Budget Allocation Algorithm
[Di Wu \(Georgia Institute of Technology\)](#)
- Unified Packet-level and Fluid-flow Simulation of Large-scale Networks
[Matías Bonaventura \(University of Buenos Aires, ICC-CONICET\)](#)
- The Different Type of Data in Realibility and the Influence in Simulation Techniques
[Daniel Gaspar \(FEUP-University of Porto\)](#)
- Methods, Modelers and Fisheries Scientists - Building Bridges
[Maria Elena Pierce \(Thünen Institute of Baltic Sea Fisheries\)](#)
- Gradient Based Criteria for Sequential Design
[Collin B. Erickson \(Northwestern University\)](#)
- Multi-fidelity Bayesian Optimization with Trace Observations
[Saul Toscano-Palmerin \(Cornell University\)](#)
- Life Cycle Costing in Product Service System Context: A Simulation Approach
[Emmanuel Musa \(Aston University\)](#)
- Simulation-driven Embedded Control of Robotic Systems Based on Model Continuity
[Ezequiel Pecker Marcosig \(FI, UBA and CONICET\)](#)
- Budget Allocation Problem in Simulation Analytics
[Xiao Jin \(National University of Singapore\)](#)



WSC'18 PhD Colloquium

ACM SIGSIM Award

Matías Bonaventura

**“Unified Packet-Level and Fluid-Flow Simulation
of Large-Scale Networks”**



ACM SIG on Simulation and Modeling



Winter Simulation Conference 2018
Gothenburg, Sweden | December 9-12



SIGSIM

ACM SIG on Simulation and Modeling

SIGSIM Education Committee 2018

Dr David Bell (Chair)

Dr Simon Kent

Professor 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 **20** students to attend the Winter Simulation Conference and ACM SIGSIM PADS. 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 of the deadline.

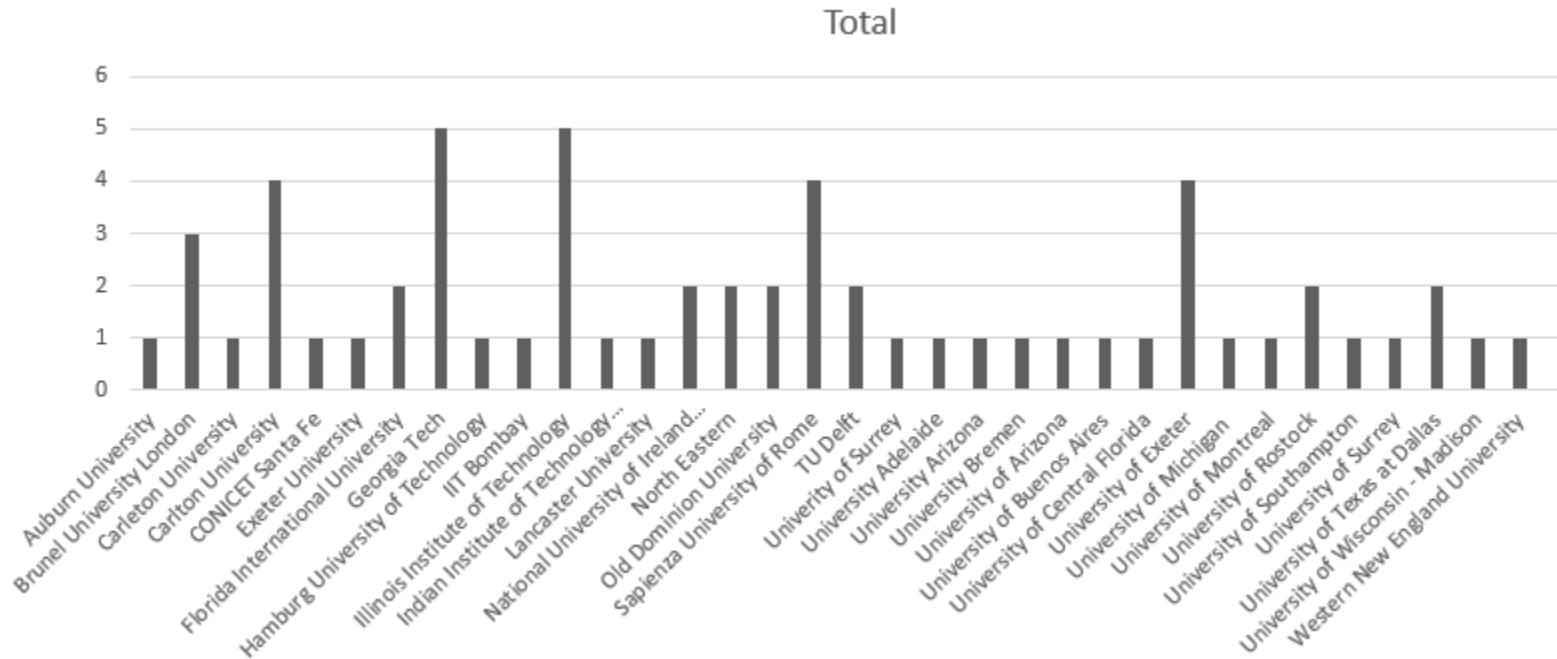
New Conference

Starting in 2019 -ACM International Conference on Modeling, Analysis and Simulation of Wireless and Mobile Systems MSWiM

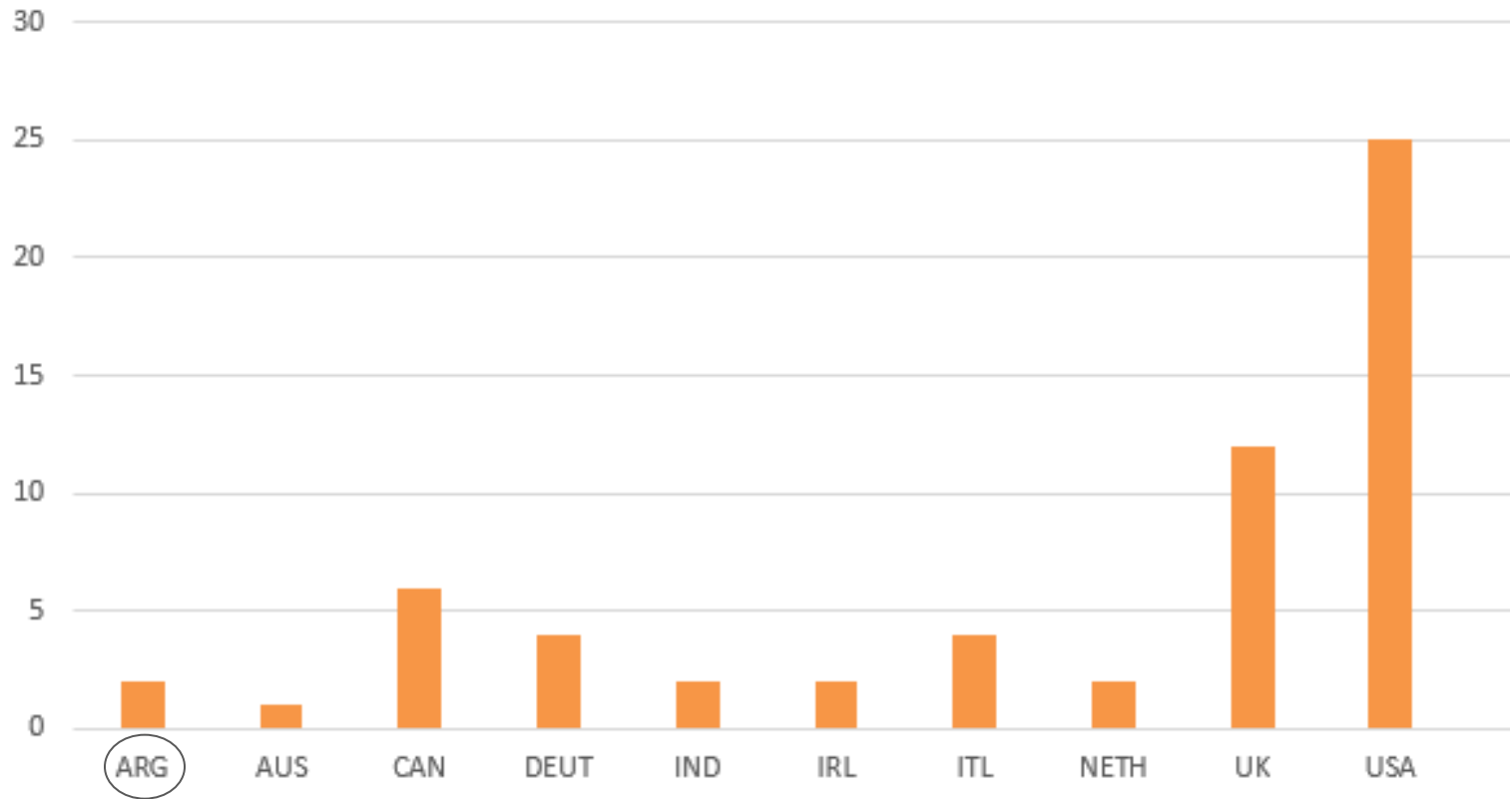
PADS and WSC SIGSIM Student Travel Support

- PADS 2018, 4 Applicants, 4 Supported
 - *Stefano Conoci : Sapienza University of Rome*
 - *Mohammad Abu Obaida : Florida International University*
 - *Philip Pecher : Georgia Tech*
 - *Cristina Ruiz : Carleton University*
- WSC 2018, 9 Applicants, 9 supported
 - *Ezequiel Pecker Marcosig : University of Buenos Aires*
 - *Lucy Morgan : Lancaster University*
 - *Aradhya Biswas : Georgia Tech*
 - *Nura Tijjani Abubaka : Brunel University London*
 - *Samuel Omoniyi : University of Exeter*
 - *Chukwudi Nwogu : Brunel University London*
 - *Donald Richardson : University of Michigan*
 - *Juan L. Sarli : National Technology University, Regional Faculty of Santa Fe*
 - *Alison Harper : University of Exeter*

Recipient Institutions since WSC 2014



Recipient Countries since WSC 2014





ACM Transactions on

Modeling and Computer Simulation (TOMACS)

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



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TOMACS – Report – 2018

SigSIM Meeting

Dec. 10th, 2018

6:30-7:30 pm

Room R11

Gothia Towers, Gothenburg, Sweden

Some statistics

- Slightly increased inflow (more than 100 papers per year)
- Acceptance rate with $\sim 27\%$ stable
- Time to decision slightly decreased for regular papers from ~ 60 days in average to ~ 40 days in average.



Reproducibility board

- New strategy, instead of publishing RCR report in TOMACS, a reproducibility board has been assigned, which is responsible for handling the RCR reviews,



- The RCR report will be published as supplemental material, with an own doi.

Last 6 years

- A more slim board structure
- New web page
- Wide computer science expertise on the board
- Established relationship to CS conferences such as PADS, CMSB, and Qest
- STAROC papers
- Reproducibility initiative

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 1.218 (2017)
 - ~ 20% acceptance rate
 - Average time to final decision < 100 days
- JOS moved to new publishers in 2018
 - Taylor and Francis took over in January
 - New looks and new ideas!





WELCOME



21st ACM MSWiM 2018

General Chair

A Boukerche, University of Ottawa, Canada

Program Co-Chairs

Paolo Bellavista (University of Bologna, Italy)

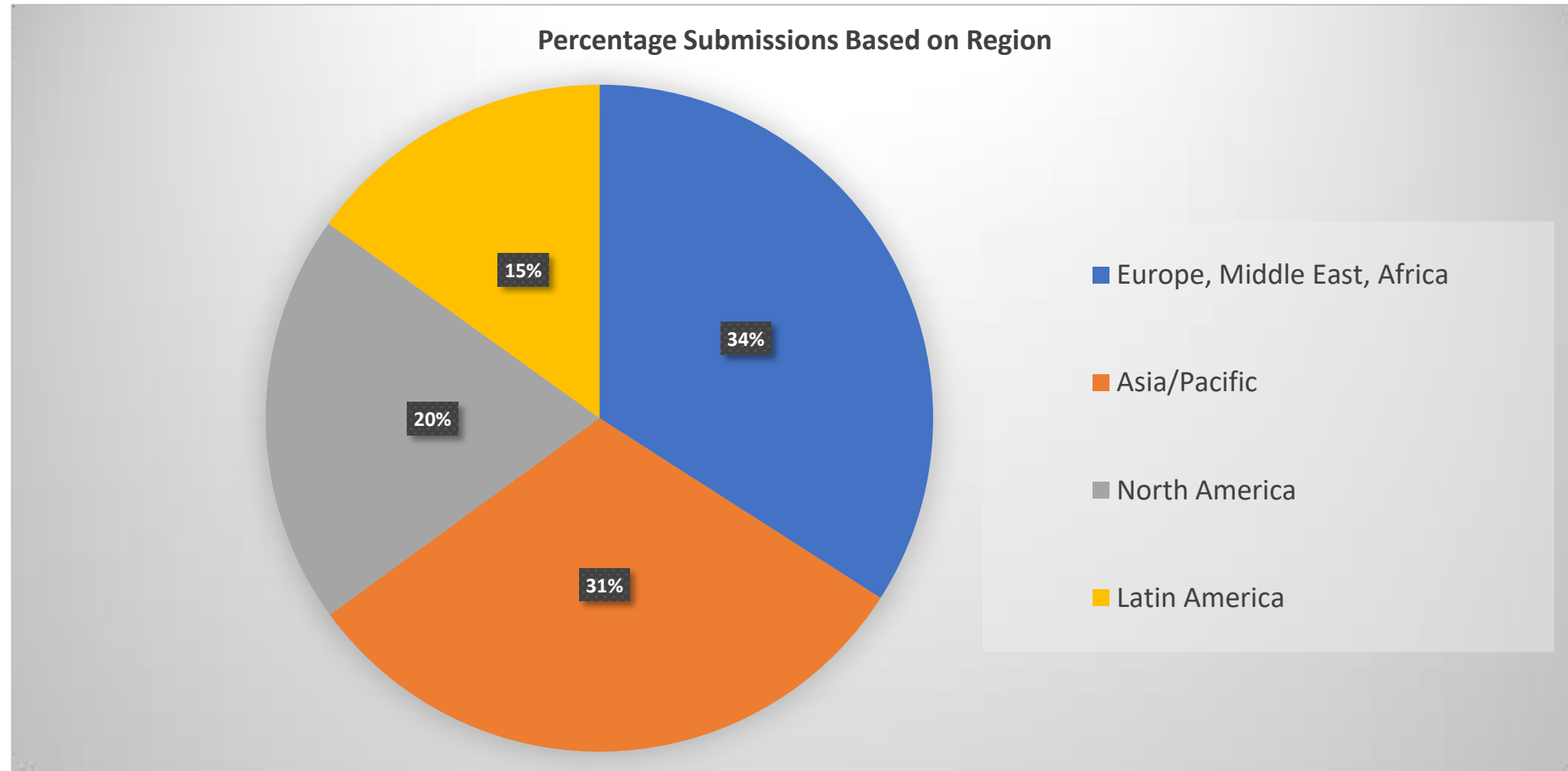
Salil Kanhere (UNSW Sydney, Australia)

Conference summary stats

- 123 submissions from 34 countries
- 31 full papers
- Acceptance rate of **25%** (regular papers)

- TPC Chair identified 13 additional short papers for Short presentation.
- 76 esteemed TPC members from the worldwide research community
- Each paper received a minimum of 3 reviews (average of 3.5 reviews per paper)
- Single Track event with 15 Sessions
- 3 Keynote speakers: Victor Leung (UBC , Canada), Halim Yanikomeroglu (Carleton, University, Canada), and Wessam Ajib (UQAM, Montreal)
- Number of attendees: 110

Region-wise submissions breakdown of authors



Best Paper Candidates

- *GreenLoading: Using the Citizens Band Radio for Energy-Efficient Offloading of Shared Interests*, Pengfei Cui (Southern Methodist University, USA), Shu Chen (University of North Texas, USA, and Joseph D. Camp (Southern Methodist University, USA)
- *WiDet: Device Free Walking Detection with Deep Convolutional Neural Networks*, Hua Huang and Shan Lin (Stony Brook University, USA)
- *Effects of Routing on the Capacity of Multi-Hop Wireless Networks*, William Jones (University of Bristol & Toshiba Research Europe Limited, UK) and R. Eddie Wilson (University of Bristol, UK)
- ***FastLink: An Efficient Initial Access Protocol for Millimeter Wave Systems***, Irmak Aykin and Marwan Krunz (University of Arizona, USA)

WINNER





SIGSIM PADS 2018

The 2018 ACM SIGSIM PADS Conference



The 2018 ACM SIGSIM Conference on Principles of Advanced Simulation

Rome, Italy

May 23rd — 25th, 2018



SAPIENZA
UNIVERSITÀ DI ROMA

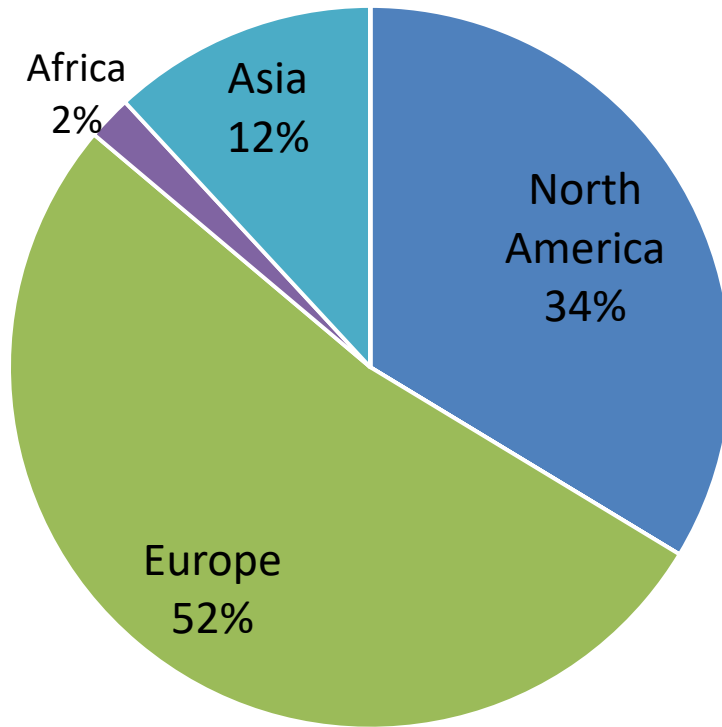


Lockless

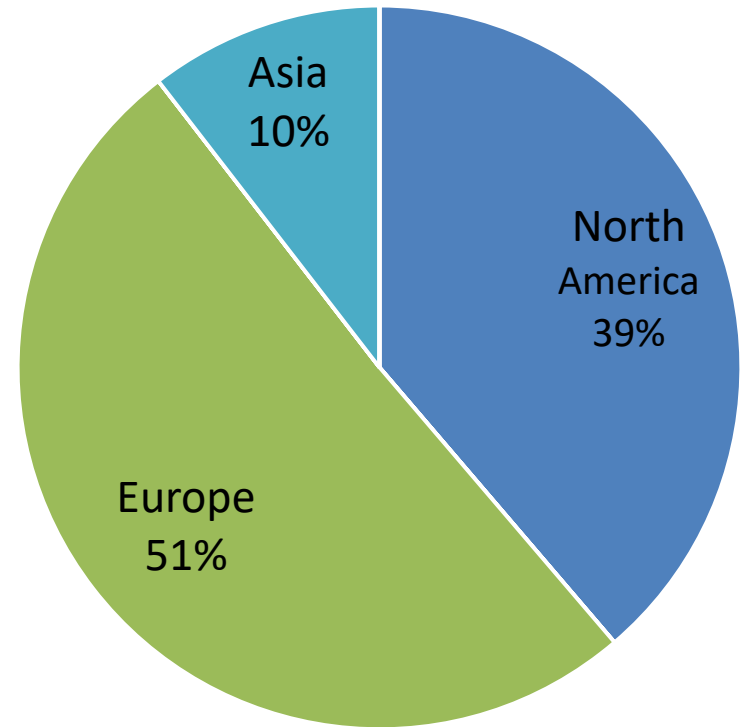
Some Numbers

- 46 total submissions received
 - 15 accepted as regular papers
 - 33% acceptance rate
 - 8 additional short papers
-
- Each paper received an average of 3.81 reviews

Submission Provenience



submitted



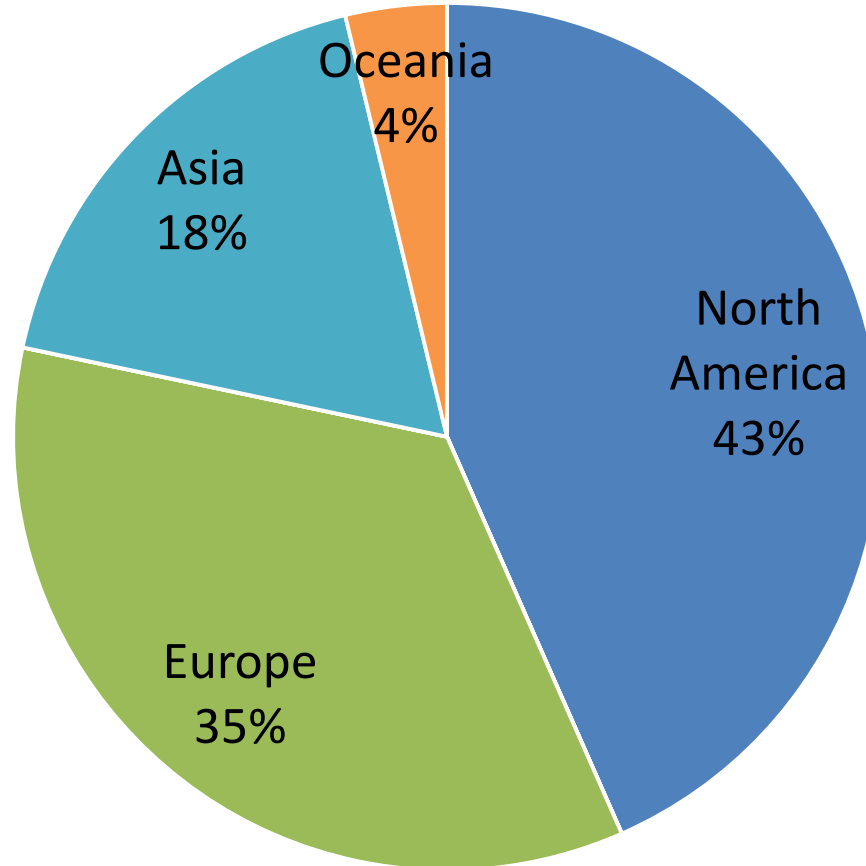
accepted

Acceptance Rate

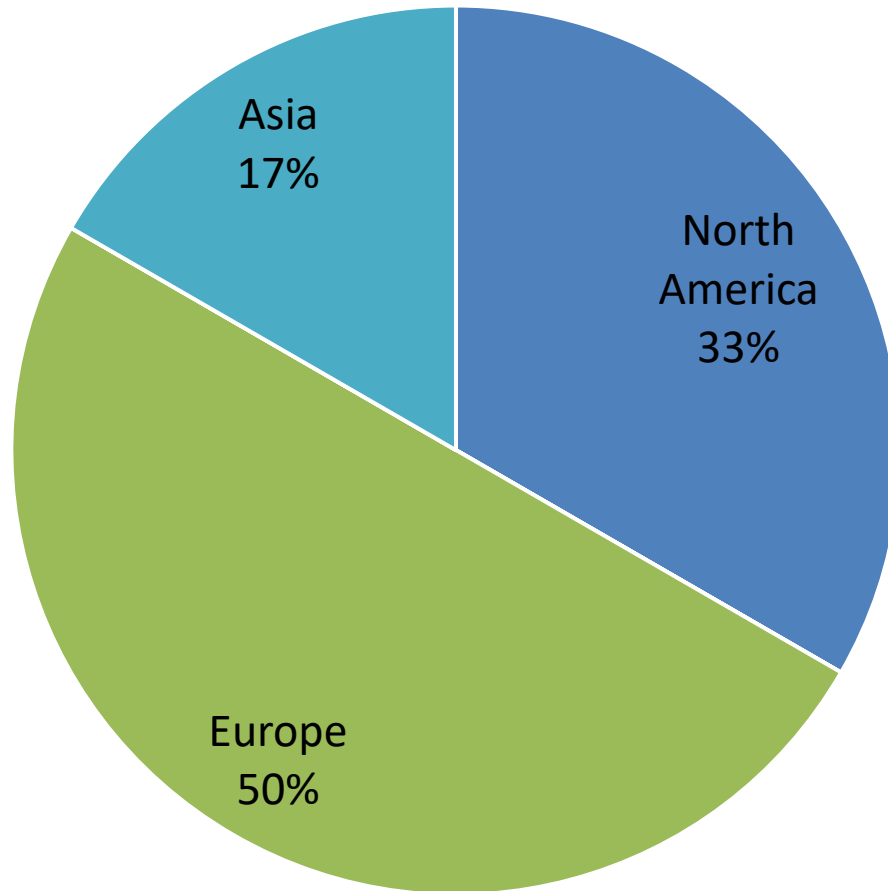
Year	Submitted	Accepted	Rate
PADS '94	66	27	41%
PADS '96	43	18	42%
PADS '97	47	27	57%
PADS '98	39	21	54%
PADS '99	38	19	50%
PADS '00	36	19	53%
PADS '01	31	21	68%
PADS '02	29	19	66%
PADS '03	33	20	61%

PADS '04	39	21	54%
PADS '05	46	30	65%
PADS '06	43	21	49%
PADS '07	37	24	65%
PADS '08	52	21	40%
SIGSIM-PADS '13	75	29	39%
SIGSIM-PADS '14	33	19	58%
SIGSIM-PADS '15	60	35	58%
SIGSIM-PADS '18	46	15	33%
Overall	793	406	51%

Technical Program Committee



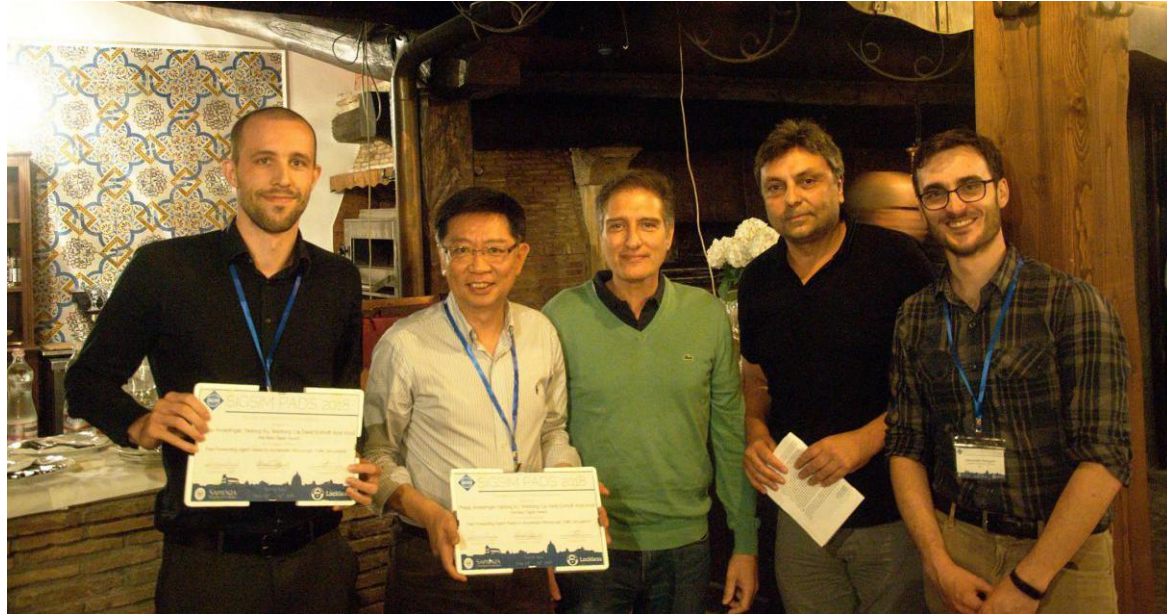
Attendees



Best Paper Award

- Four papers competed for the Best Paper Award:
 - *Philipp Andelfinger, Yadong Xu, Wentong Cai, David Eckhoff, Alois Knoll*
Fast Forwarding Agent States to Accelerate Microscopic Traffic Simulations
 - *Youfu Chen, Elvis S. Liu*
Comparing Dead Reckoning Algorithms for Distributed Car Simulations
 - *Matteo Principe, Tommaso Tocci, Alessandro Pellegrini, Francesco Quaglia*
Porting Event & Cross-State Synchronization to the Cloud
 - *Atiqur Rahman, Peter Kemper*
Simulation Study to Identify the Characteristics of Markov Chain Properties

Best Paper Award



- *Philipp Andelfinger, Yadong Xu, Wentong Cai, David Eckhoff, Alois Knoll*
Fast Forwarding Agent States to Accelerate Microscopic Traffic Simulations

Reproducibility Initiative



- For the first year, PADS joined the ACM Reproducibility of Computer Results initiative
 - An ad-hoc committee has evaluated artifacts sent by authors
 - 16 regular papers and 5 short papers have opted in the initiative
 - 5 regular and 5 short papers have been awarded at least one badge

Reproducibility Initiative 2019

- This initiative will continue in 2019
 - Committee Co-Chairs:
Adeline Uhrmacher and Alessandro Pellegrini



Functional

Artifacts Evaluated



Reusable



Artifacts Available



Results Replicated

TOMACS to PADS Initiative

- For the first year, PADS has also adopted a journal-first publication model:
 - Authors of original articles published in TOMACS are given the opportunity to come at PADS and present their work
 - We will open the Conference with the very first article coming from this initiative
 - *Kalyan Perumalla*
Scalable Cloning on Large-Scale GPU Platforms with Application to Time-Stepped Simulations on Grids

PhD Colloquium

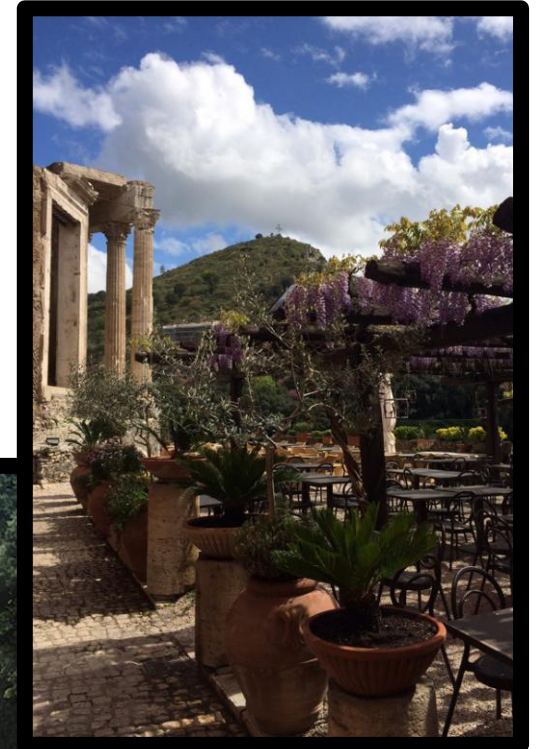
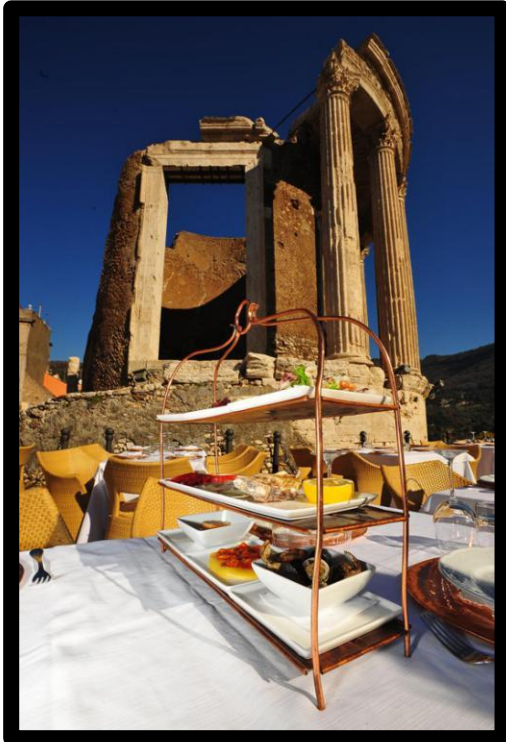
- PhD Colloquium Panel
 - Three contributions from the world of Academia
 - An open Q&A session with PhD Students
 - An invaluable opportunity to shape the PhD Career

- PhD Colloquium was a weak point of the Conference!

Keynote Speakers

- *Michela Taufer (Univ. of Delaware)*
Modeling the Next-Generation High Performance Schedulers
- *Mateo Valero Cortés (BSC)*
Runtime Aware Architectures

Social Event



Attendees



ACM SIGSIM-PADS 2019



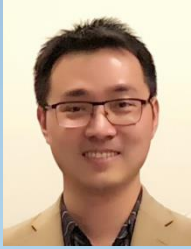
Chicago

Illinois Institute of Technology (IIT)

June 3–5 (Mon– Wed)

<https://www.acm-sigsim-pads.org/>

Organizing Committee



General Chair: Kevin Jin

**Program Co-Chairs:
Jason Liu & Laxmikant V. Kale**



PhD Colloquium Chair: Philippe Giabbanelli

Publicity Chairs: Misbah Mubarak



**Reproducibility Committee Co-Chairs:
Adeline Uhrmacher & Alessandro Pellegrini**



Proceedings Chair: Zengxiang Li



Local Arrangement Chair: Dawn DeBartolo





- Importance Dates

- **January 7**, Regular/Short Paper Submission
- March 8, Regular/Short Paper Notification of Acceptance
- April 8, Regular/Short Paper Camera-Ready Version
- March 15, Ph.D. Colloquium Submission
- March 25, Ph.D. Colloquium Notification of Acceptance

- Current status

- Established TPC, 52 members
- Confirmed two keynote speakers
- Submitted an NSF student travel support proposal
- EasyChair paper submission is open
- Registration is open 😊
- Publicity
 - Sent CFP to various mailing lists (North America, Europe, Asia ...)
 - Publicized widely in the great Chicago area (e.g., Argonne/Fermi National Lab, multiple local and regional universities ...)
 - **Please help to spread the word**

- Program Elements



- June 3-5 (three full days)
- PhD Colloquium: June 4 afternoon (tentative)
- Special issue in TOMACS
- Dinner on a **CRUISE** and enjoy sunset



- Acknowledgement

- All TPC members
- Two keynote speakers
- Advice from past year chairs: Richard, Wentong, Alessandro
- Osman (SIGSIM website)





SIGSIM-PADS 2020

Miami, Florida, USA

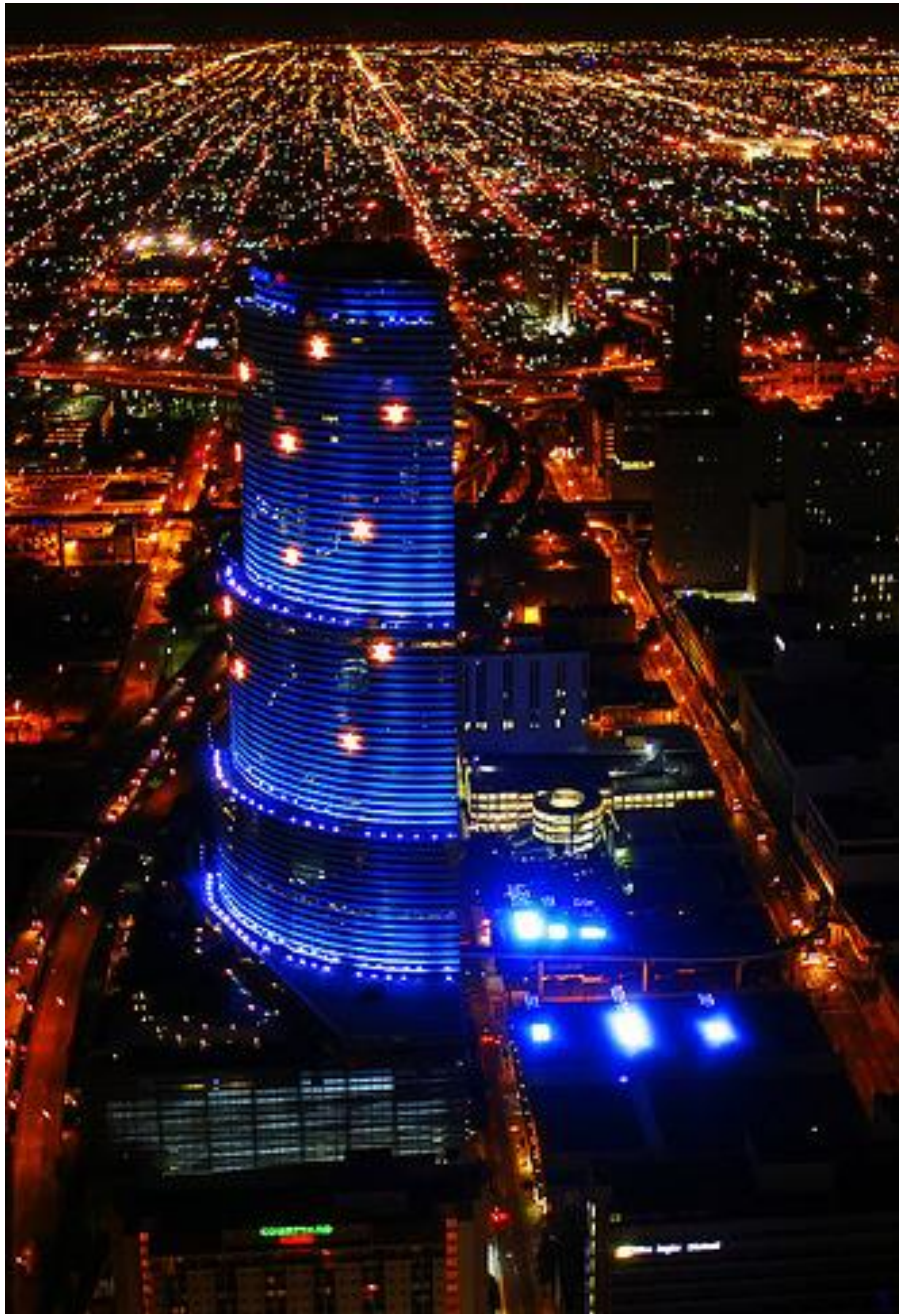




SIGSIM-PADS 2020

Miami, Florida, USA







Experience the Florida Keys in 60 Seconds: <https://youtu.be/33oBY6U6uwM>

Welcome to the Florida Keys: <https://youtu.be/jOOQq018Xeg>



SIGSIM-PADS 2020

Miami, Florida, USA

Everglades National Park 3-minute Tour:

<https://youtu.be/LkNEBAZq0rM>

Meet the Residents of Everglades National

Park: <https://youtu.be/HPrPtCns5Lc>

Report on Simulation Archive

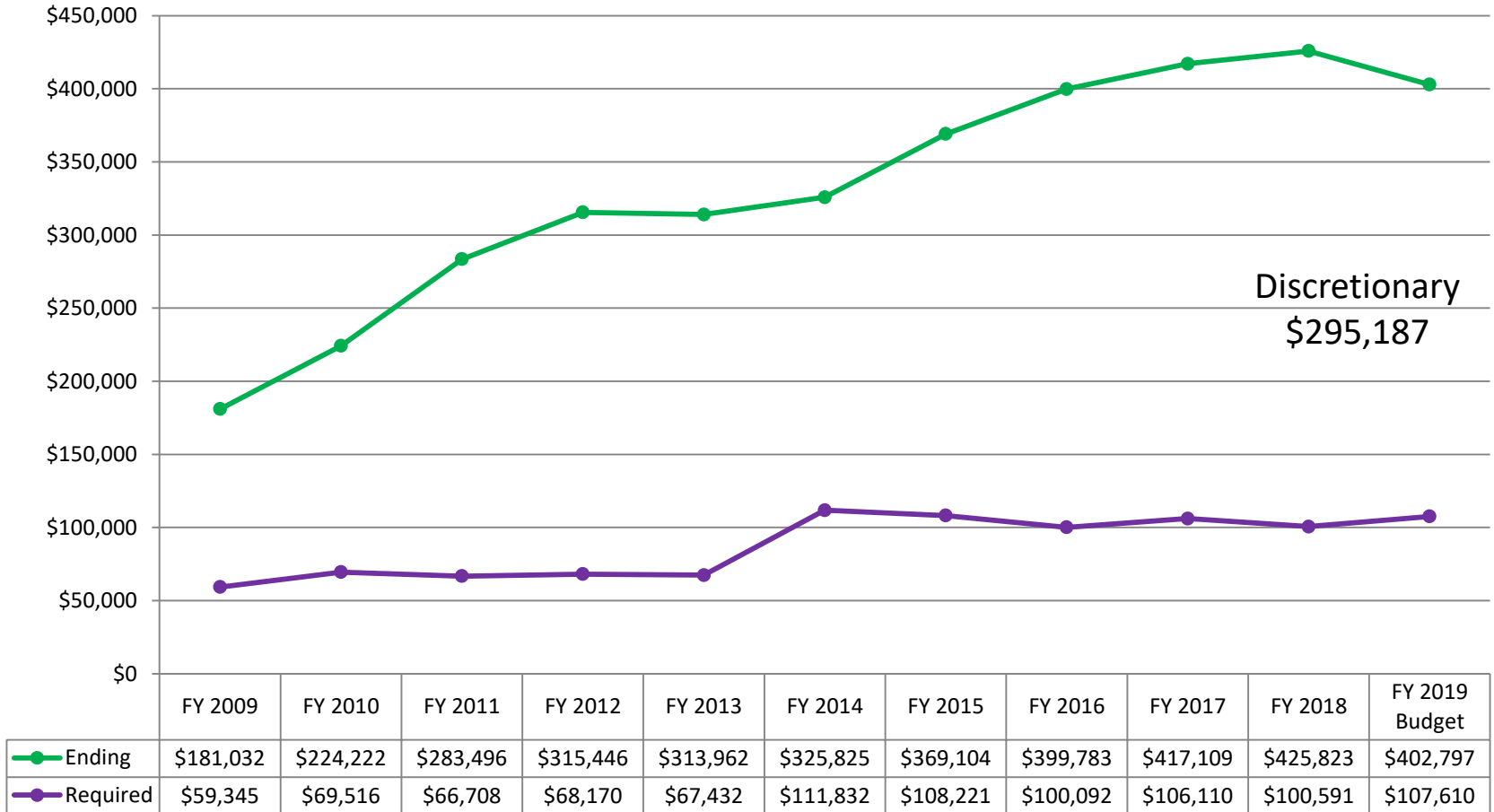
- The Archive Advisory Committee consists of Russ Barton, Bob Sargent, Dick Nance, and Jim Wilson (Chair).
- We have a new agreement with the NCSU Libraries specifying our relationship with the NCSU Libraries and a new procedure for recruiting and rotating members of the Advisory Committee.
- Simon Taylor has been working with Brian Hollocks on the acquisition of Brian's donations of material to the Archive. This is nearly complete.
- We are currently acquiring videos of all WSC Titans of Simulation presentation to be posted on the Archive along with the slides of each presentation.
- We are planning a new set of interviews with simulation pioneers to begin in Spring 2019.
- The Archive Endowment is currently \$102,501.00

Budget and Finances
ACM SIGSIM
WinterSim 2018

Kara A. Olson
SIGSIM Treasurer/Secretary

Darren Ramdin
Director, Office of Financial Services

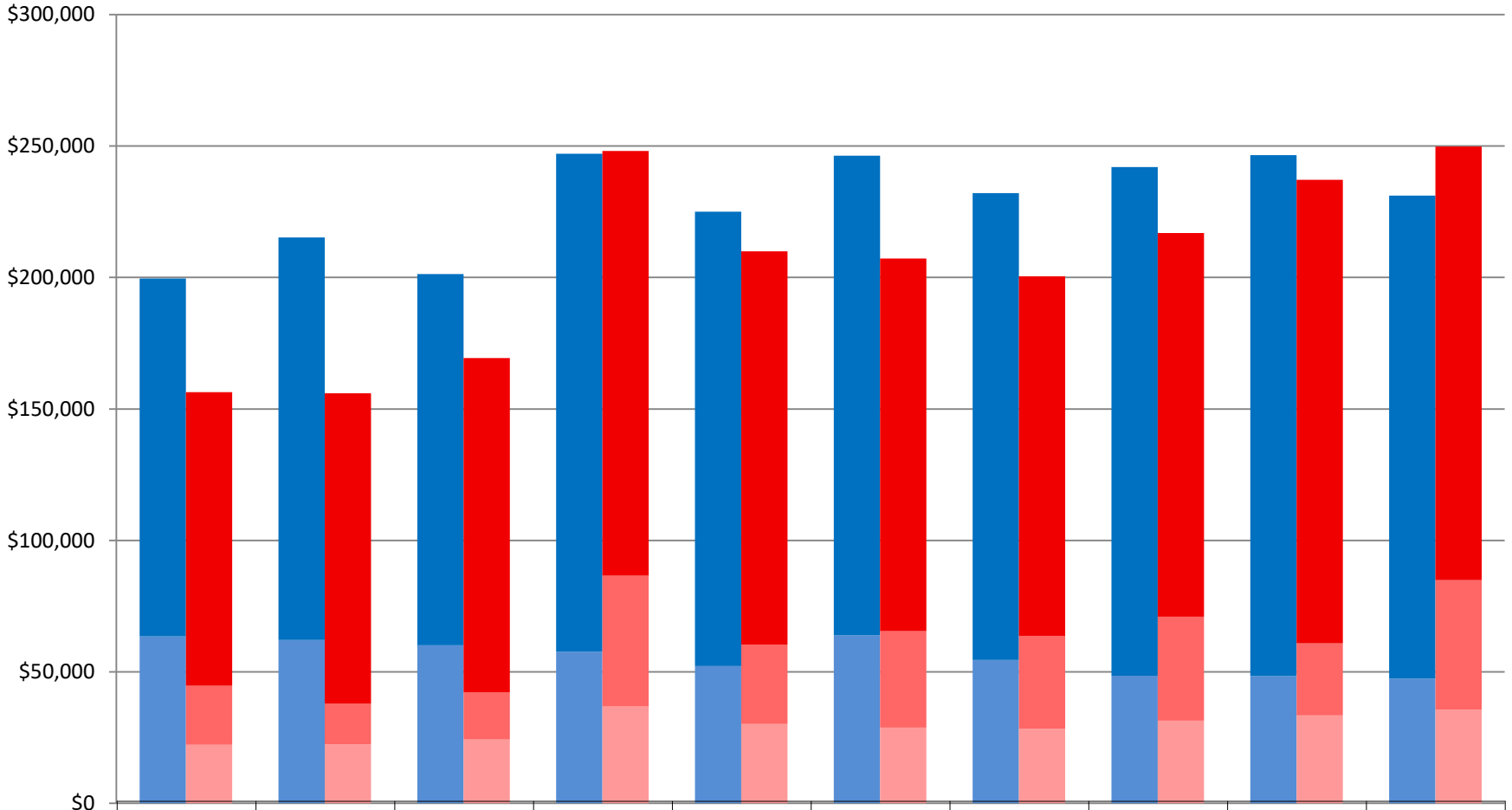
Fund Balance



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

Fiscal year 2019: organization activities July 2018 - June 2019 +
conference activities March 2018 - February 2019

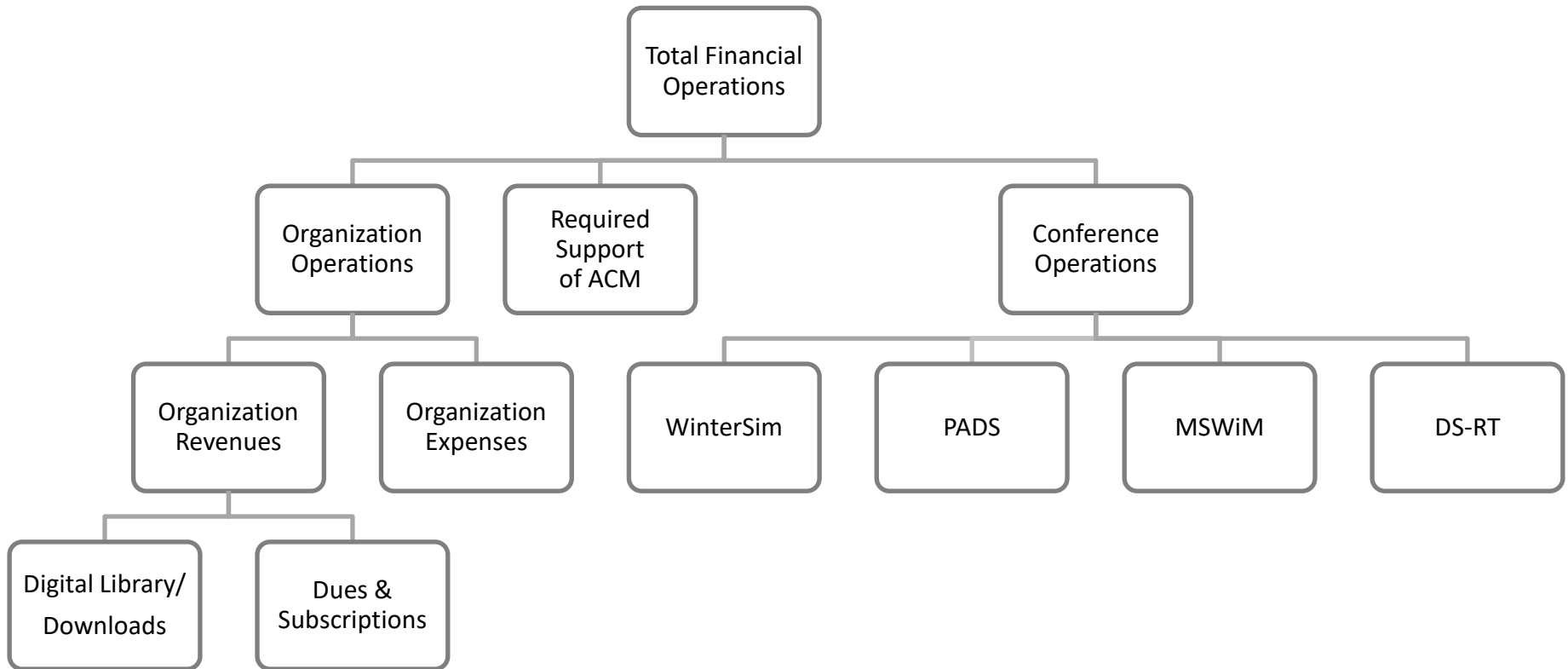
Total Financial Operations



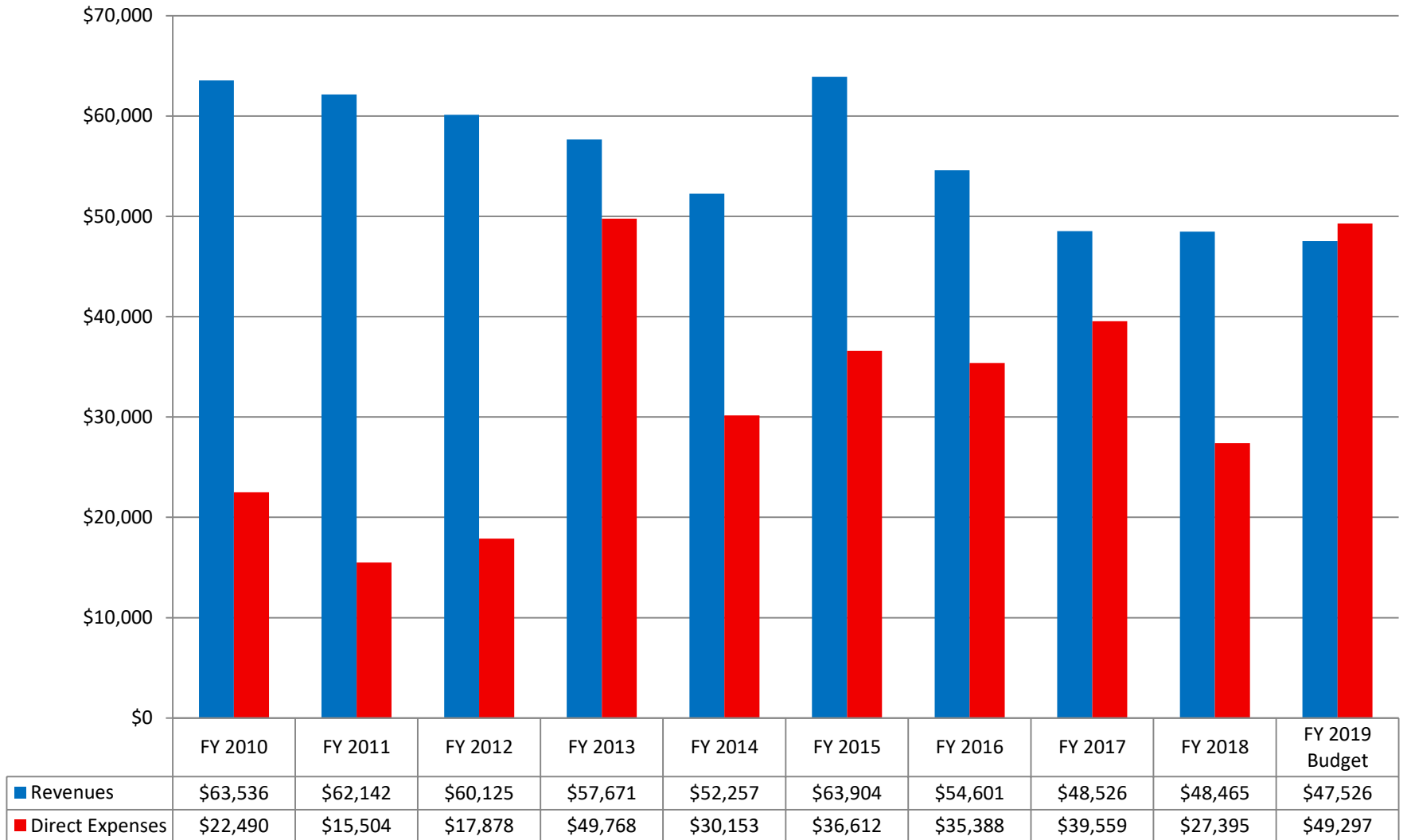
	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019 Budget
Revenues	\$199,562	\$215,197	\$201,259	\$247,055	\$225,020	\$246,334	\$232,062	\$241,990	\$246,494	\$231,121
Expenses	\$156,372	\$155,923	\$169,309	\$248,136	\$209,968	\$207,151	\$200,476	\$216,892	\$237,172	\$249,836

- Conference Revenues
- Organization Revenues (including Digital Library)
- Direct Conference Expenses
- Direct Organization Expenses
- Required Support of ACM

Details

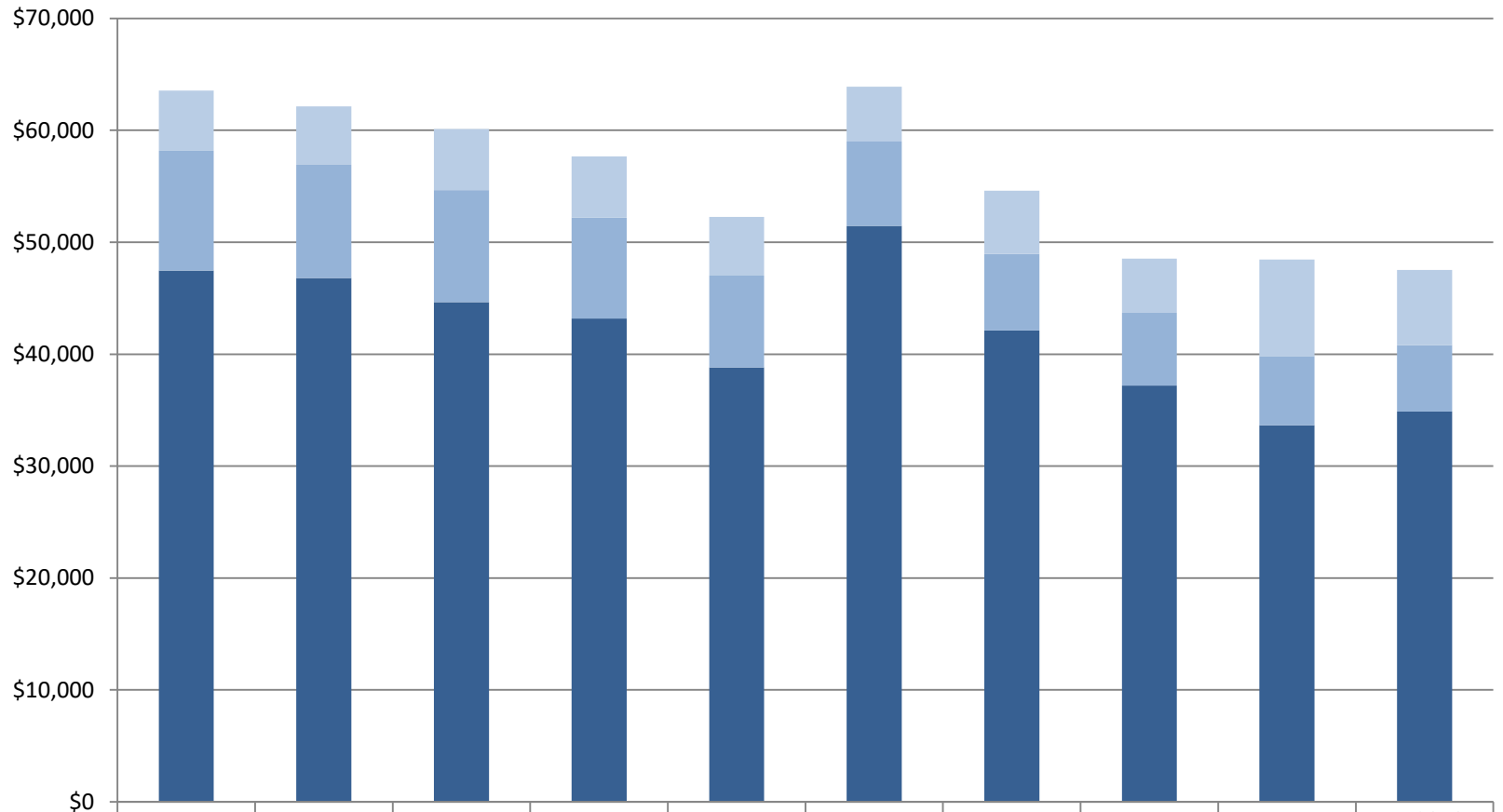


Organization Operations



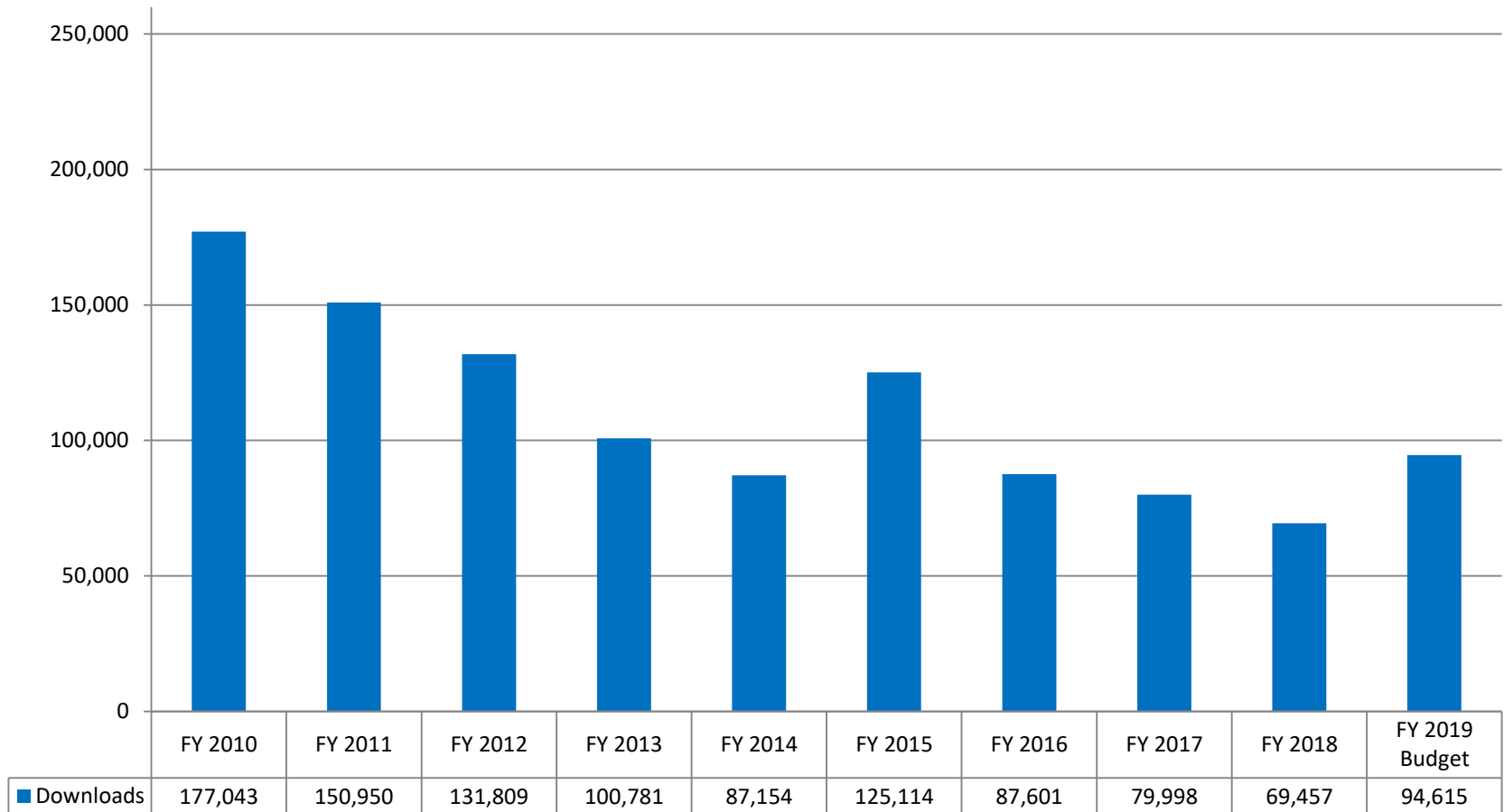
↖ FY 2013 – new student travel funding

Organization Revenues



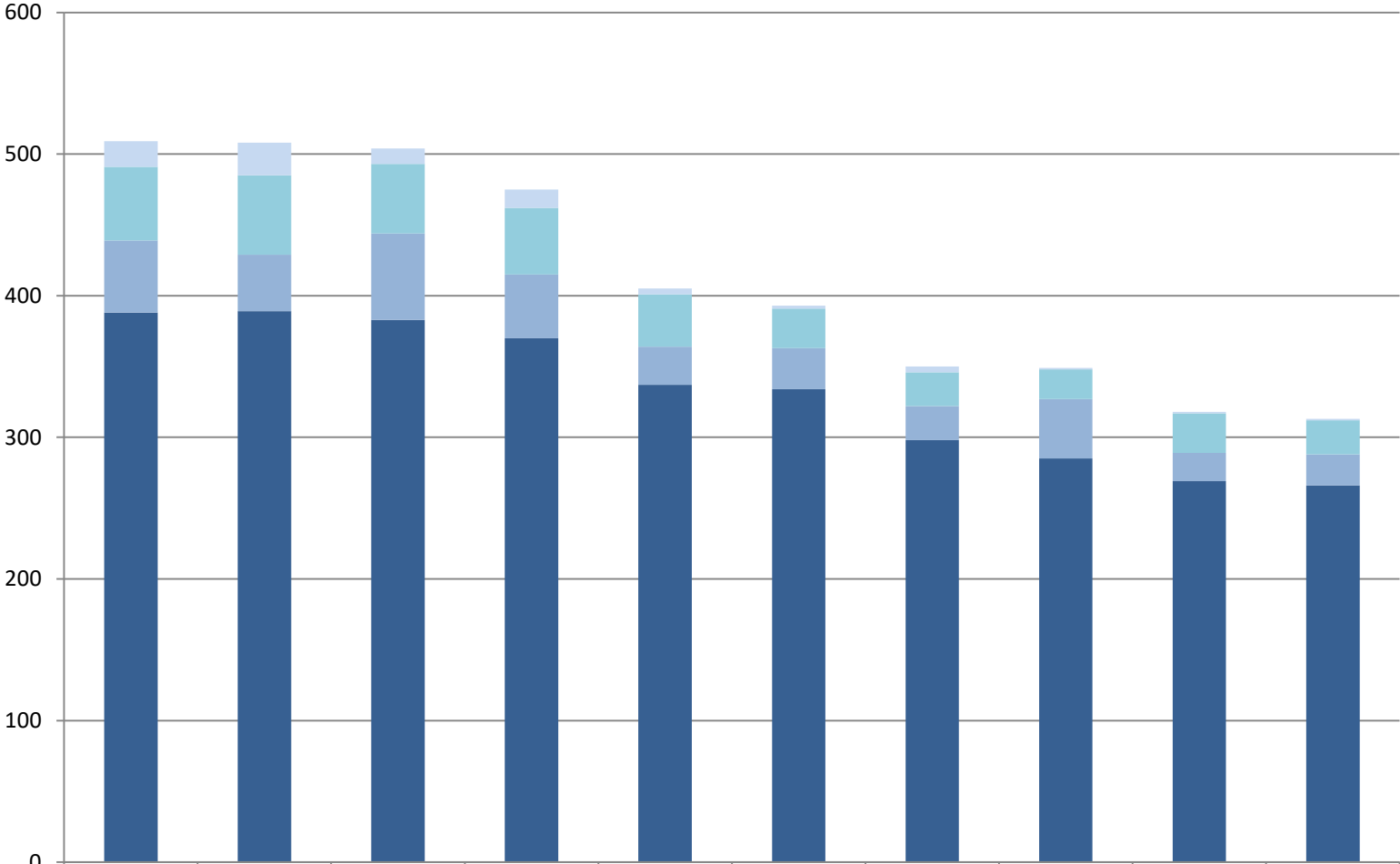
	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019 Budget
Interest and All Other	\$5,374	\$5,222	\$5,458	\$5,454	\$5,245	\$4,918	\$5,634	\$4,836	\$8,632	\$6,720
Dues & Subscriptions	\$10,683	\$10,129	\$10,018	\$9,047	\$8,194	\$7,528	\$6,861	\$6,510	\$6,188	\$5,937
Digital Library	\$47,479	\$46,791	\$44,649	\$43,170	\$38,818	\$51,458	\$42,105	\$37,180	\$33,645	\$34,869

Digital Library/Downloads



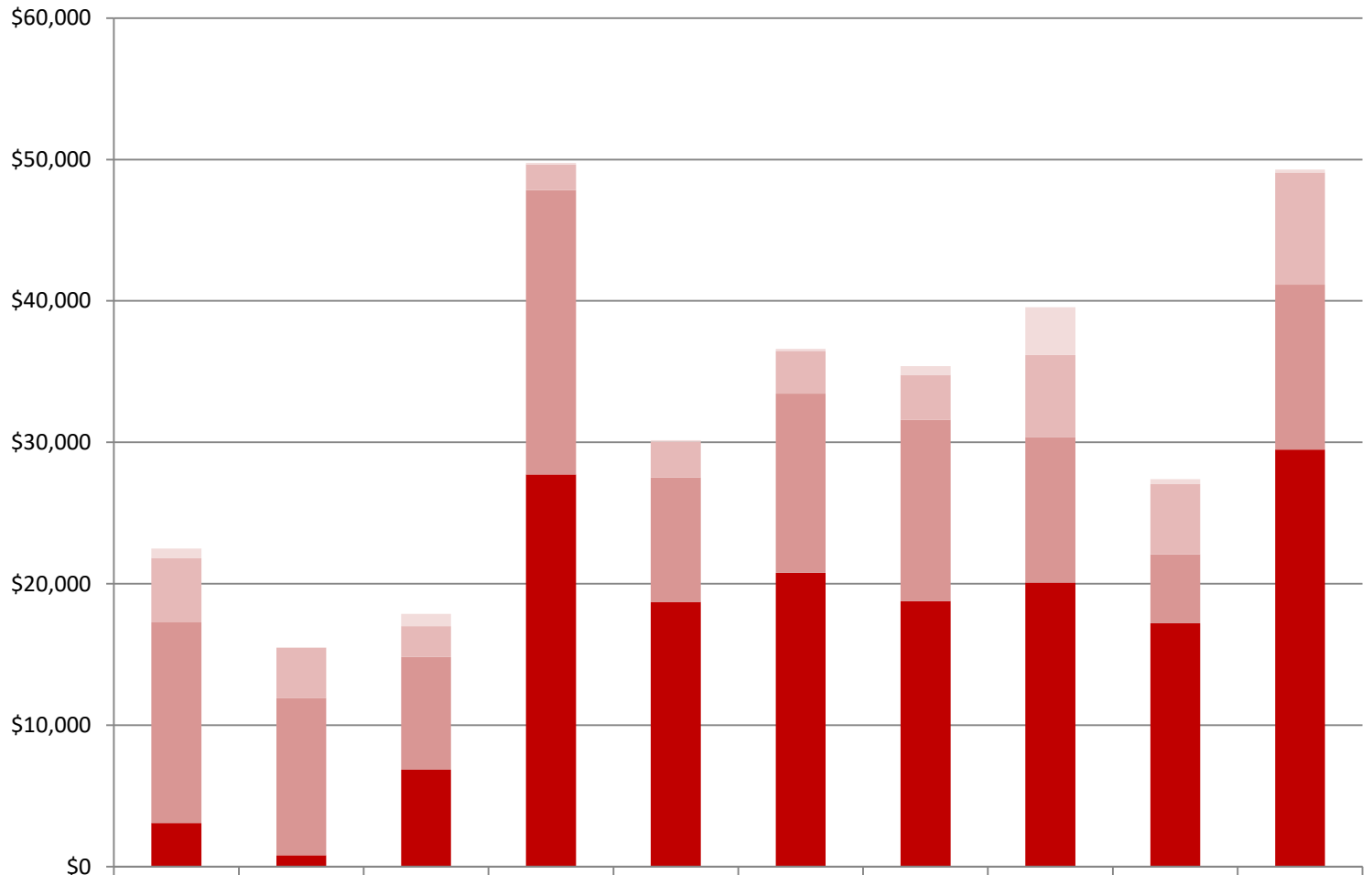
- Each SIG receives income from the Digital Library based on downloads (minimum \$10K)
- Downloads decreased notably starting in 2010 in part due to new open access of Winter Simulation Conference papers
- Downloads later increased due to pre-print availability of TOMACS and other articles

Dues & Subscriptions



	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019 Budget
Subscribers	18	23	11	13	4	2	4	1	1	1
Student Members	52	56	49	47	37	28	24	21	28	24
SIG-Only Members	51	40	61	45	27	29	24	42	20	22
Professional Members	388	389	383	370	337	334	298	285	269	266

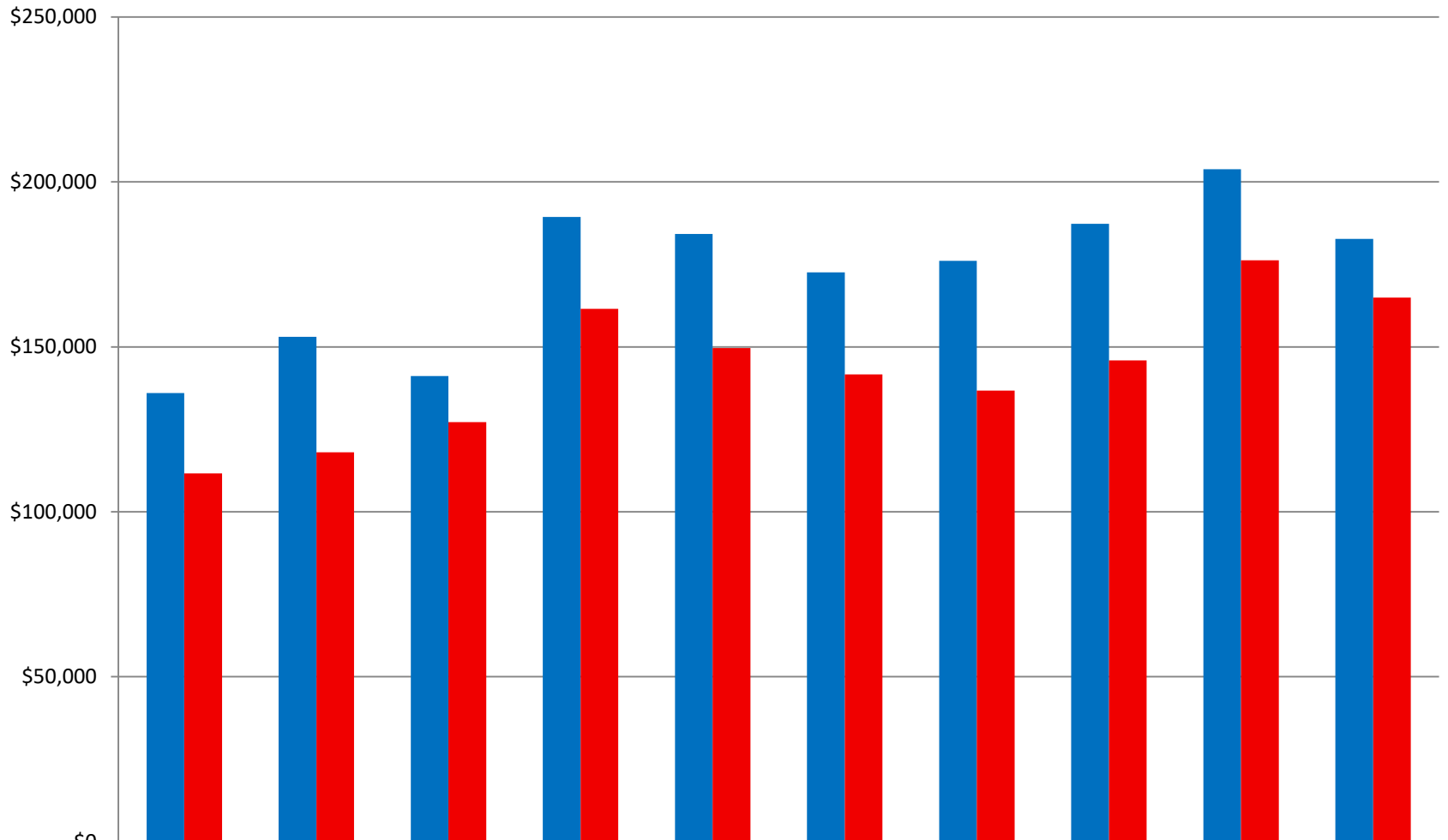
Direct Organization Expenses



	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019 Budget
All Other	\$668	\$23	\$865	\$127	\$108	\$149	\$623	\$3,388	\$354	\$220
Travel and Meetings	\$4,545	\$3,575	\$2,193	\$1,804	\$2,523	\$3,017	\$3,162	\$5,796	\$4,962	\$7,930
Production and Distribution	\$14,193	\$11,098	\$7,971	\$20,101	\$8,794	\$12,668	\$12,818	\$10,282	\$4,863	\$11,647
Grants, Awards, Special Projects	\$3,085	\$808	\$6,850	\$27,735	\$18,729	\$20,777	\$18,783	\$20,093	\$17,215	\$29,500

↖ FY 2013 – new student travel funding

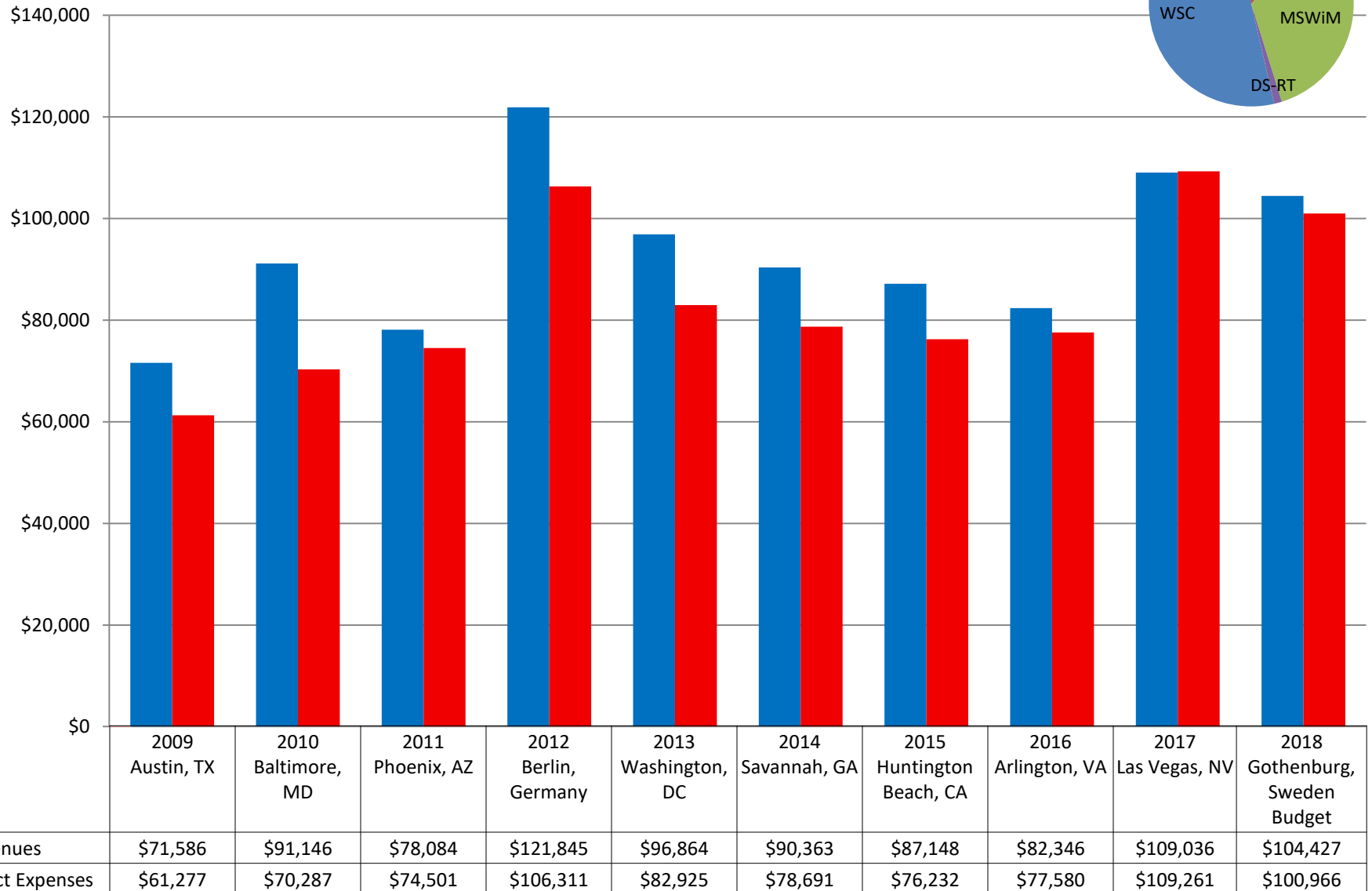
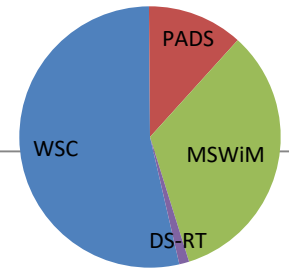
Conference Operations



■ Revenues	\$136,026	\$153,055	\$141,134	\$189,384	\$184,237	\$172,612	\$176,091	\$187,290	\$203,862	\$182,745
■ Direct Expenses	\$111,634	\$118,026	\$127,142	\$161,536	\$149,611	\$141,679	\$136,712	\$145,846	\$176,265	\$164,919

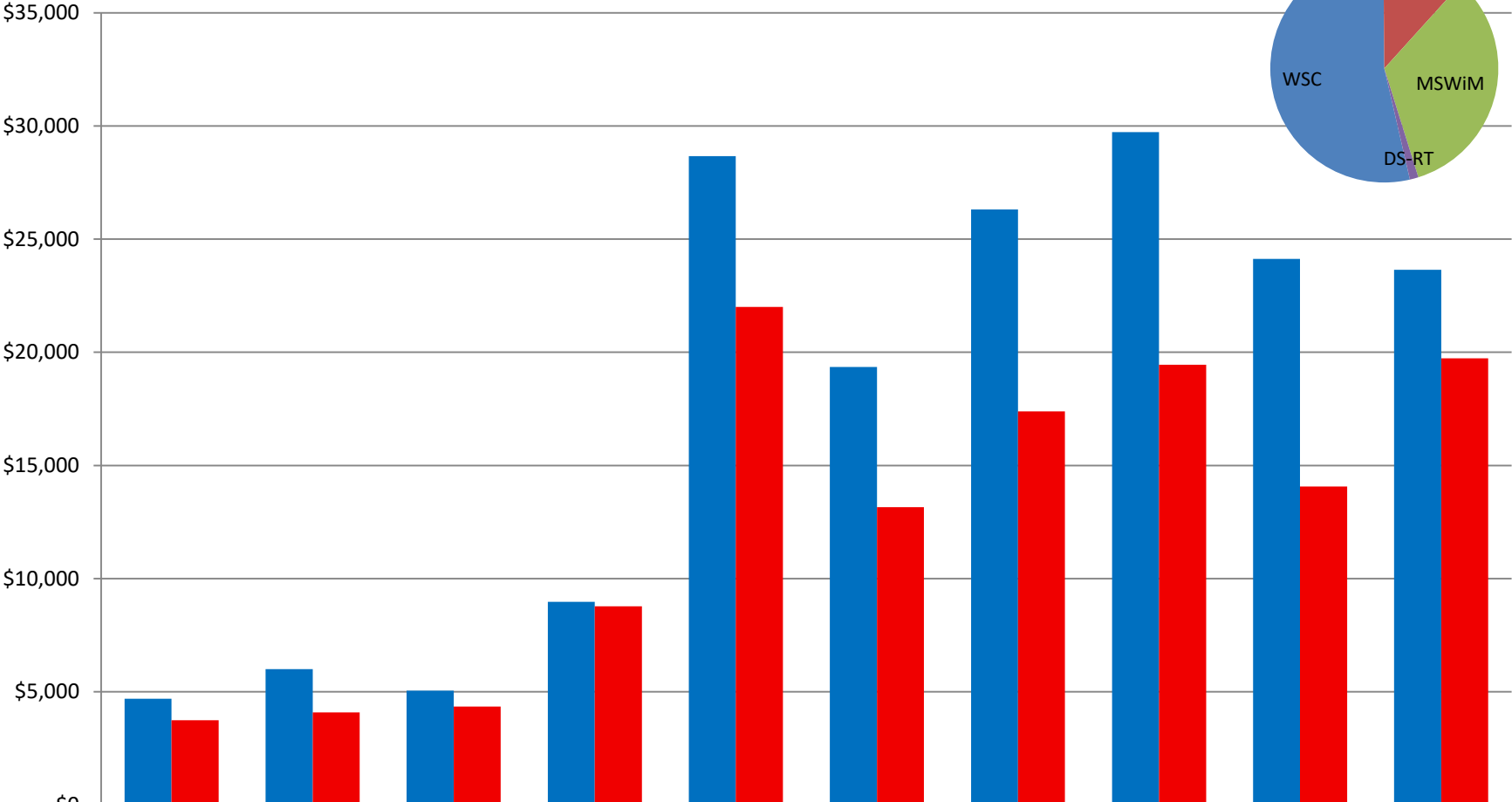
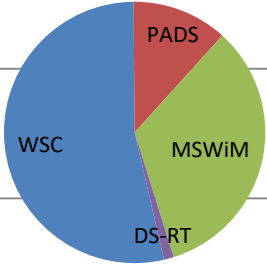
Winter Simulation Conference (December)

25% sponsor



PADS – Principles of Advanced Discrete Simulation (May)

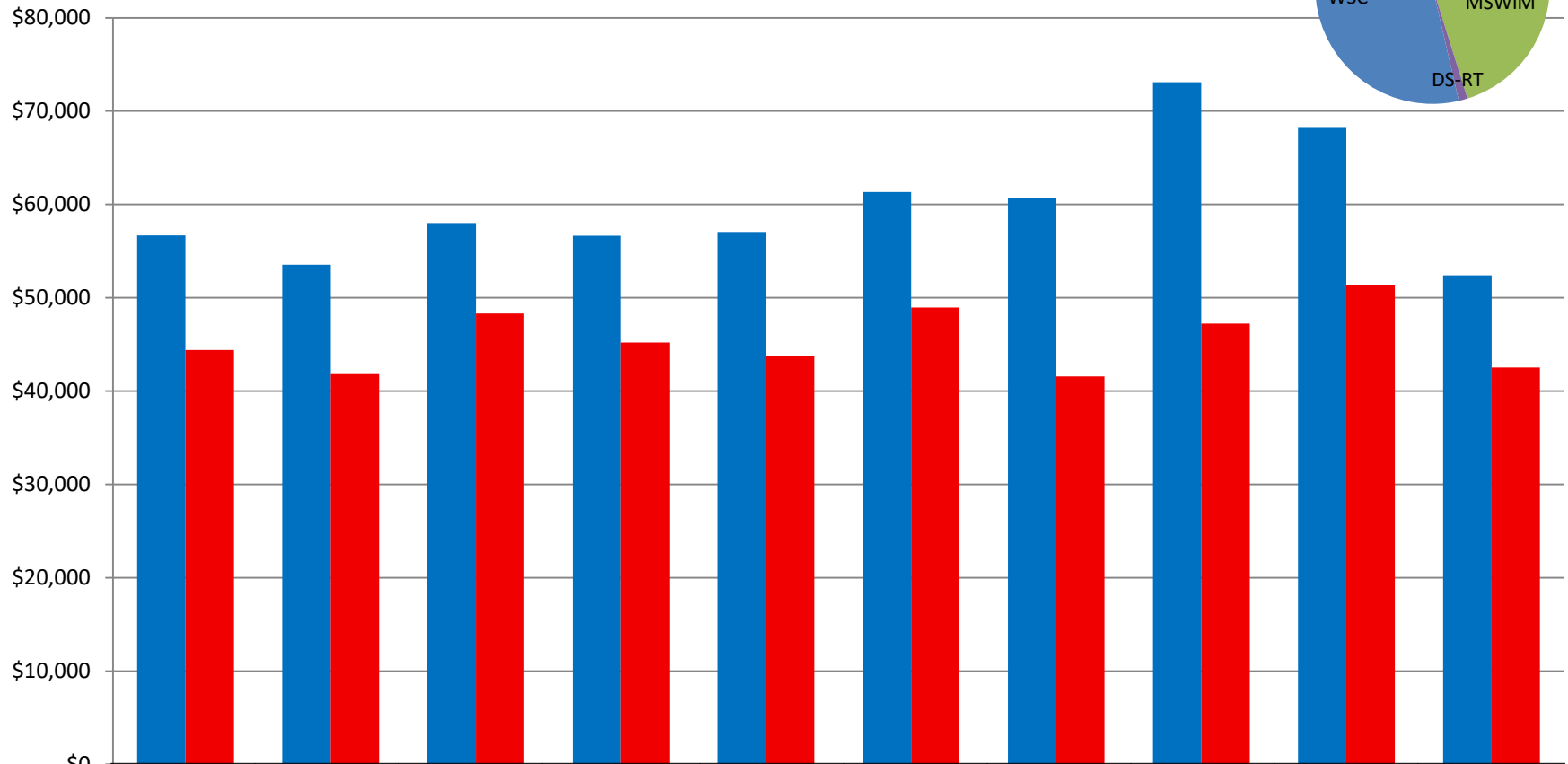
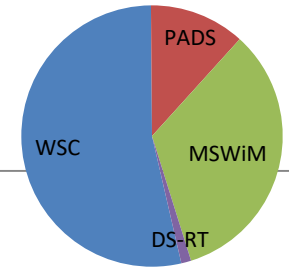
100% sponsor since 2013 (33% sponsor prior)



	2009 Lake Placid, NY	2010 Atlanta, GA	2011 Nice, France	2012 Zhangjiajie, China	2013 Montreal, QC, Canada	2014 Denver, CO	2015 London, England	2016 Banff, AB, Canada	2017 Singapore	2018 Rome, Italy
■ Revenues	\$4,692	\$6,001	\$5,055	\$8,974	\$28,662	\$19,350	\$26,305	\$29,720	\$24,130	\$23,644
■ Direct Expenses	\$3,744	\$4,094	\$4,345	\$8,783	\$22,000	\$13,152	\$17,385	\$19,447	\$14,067	\$19,738

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

100% sponsor



	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	2017 Miami Beach, FL	2018 Montreal, QC, Canada Budget
■ Revenues	\$56,675	\$53,535	\$57,995	\$56,665	\$57,055	\$61,325	\$60,695	\$73,104	\$68,205	\$52,410
■ Direct Expenses	\$44,415	\$41,804	\$48,296	\$45,188	\$43,778	\$48,952	\$41,582	\$47,244	\$51,403	\$42,528

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

10% sponsor

