

Minutes of the ACM SIGSIM Membership Meeting
2019 Winter Simulation Conference
National Harbor, Maryland, USA
December 10, 2019, 5:30 p.m. – 6:55 p.m.

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

1. Welcome and Agenda

The agenda presented in this section is attached.

Margaret Loper announced this would be her last year as Chair and thanked all for their support throughout her terms. All attendees introduced themselves.

2. Awards

The slides presented in this section are attached.

The SIGSIM Distinguished Contributions Award was presented to Andreas Tolk.

Anastasia Anagnostou discussed the WSC PhD Colloquium and Best Paper Award. This was her last year on the committee. Student Sebastian Rojas Gonzalez was present to receive the award.

David Bell discussed the SIGSIM Student Travel Awards. He pointed out the increase in travel awards; that there were more applicants than awards available; and that Belgium and Austria were represented this year for the first time – all positives.

3. Outreach

The slides presented in this section are attached.

Jim Wilson presented the current status of the Simulation Archives and endowment. He also discussed Dick Nance's attendance and presentation at the ACM Heritage Workshop. Encouraging feedback was received at that workshop, including that the archive is doing well, with emphasis on planning for ongoing support.

The Archive is still in the process of archiving and collecting the late Jim Henriksen's papers. Jim Wilson met with Henriksen last December and in the Spring; Wilson hopes to complete the gathering this

Spring. Wilson is also working on finishing Henriksen's last papers on Henriksen's behalf (not as a co-author).

Digitizing is ongoing but slowly, since the Archive is only using funds of the endowment income (interest).

All were encouraged if they knew anyone who might be appropriate to leave their materials to the Archive to contact Jim Wilson or Lee Schruben. The Archive is interested in all materials, and is especially interested in research and teaching files. If there are any questions about suitability, Jim encouraged either he or Gwynn Thayer of North Carolina State University Libraries be contacted. NC State has a special interest in the early history of technology and hence also especially in the Simulation Archive. Jim reminded that the Archive is open to all researchers: there is no requirement to be affiliated with the university.

A SIGSIM member proposed an additional contribution to the endowment. The motion was seconded. The proposal will be forwarded to the appropriate SIGSIM committee.

4. Conference Reports

The slides presented in this section are attached.

No presentation was made about MSWiM.

Philippe Giabbanelli discussed SIGSIM PADS 2019 and 2020. He strongly encouraged all to submit papers, as the conference would like to increase both submissions and attendance.

Only eight papers were accepted from this year's submissions of 24, due to wanting to keep a high quality for acceptance. Consequently, after the submission reviews, eight papers were invited in order to have a sufficient conference. The organizers do not want to have a 50% invited ratio again.

The PhD colloquium was held mid-conference this year rather than at the beginning or end, which successfully encouraged attendance and additional interaction.

Discussion among the evening's attendees noted that PADS submissions have trends – some years have had upwards of 120 submissions, some years have notably fewer. It was suggested that the organizers reconsider allowing short papers or work-in-progress papers. Another participant noted that some authors don't want to submit to proceedings but would rather be published in journals due to tenure requirements or other constraints; and suggested perhaps the program committee consider publishing abstracts-only to encourage more presentations. Yet another participant pointed out the "Part of the Press" track in another conference: a track for papers that have already appeared in print, but the author wants to discuss the work; perhaps this could encourage additional presentations. It was also noted that if a paper has recently been accepted in Transactions on Modeling and Computer Simulation (TOMACS), then it can be presented at PADS.

Philippe thanked all for the suggestions and noted that they would be considered for PADS 2021, as PADS 2020 deadlines are only a few weeks away.

Magaret Loper noted that a venue has not been chosen for PADS 2021 and encouraged all to consider venues as appropriate.

5. Journal Reports

The slides presented in this section are attached.

Lin Uhrmacher completed a second term as Editor-in-Chief of TOMACS and has been succeeded by Francesco Quaglia of the University of Rome Tor Vergata. It was noted that TOMACS has seen a drop in submissions.

Simon Taylor discussed the Journal of Simulation (JOS). Its impact factor has been increasing slowly and it would be additionally helpful if it were above 2; Simon encouraged authors to cite both the Journal and TOMACS if/as appropriate to direct others to the work presented there. JOS is considered more visible since changing publishers.

All were reminded of the upcoming 10th Operational Research Society Simulation Workshop 2020, March 30 – April 1, 2020, in Loughborough, UK, and encouraged to submit and attend.

6. Budget and Finances

The slides presented in this section are attached. SIGSIM continues to be in good standing.

7. General Discussion and New Business

The slide presented in this section is attached.

Andreas Tolk mentioned the planning for a forthcoming book of papers to celebrate the 50th anniversary of SIGSIM and solicited recommendations and submissions.

He also mentioned an upcoming available position on the WinterSim Advisory Board in 2022.

The meeting was adjourned at 6:55 p.m.

*Minutes taken by Kara Olson
December 10, 2019*

21 members and 10 additional participants in attendance



SIGSIM

ACM SIG on Simulation and Modeling

Membership Meeting
Winter Simulation Conference
10 December 2019

Agenda



SIGSIM

ACM SIG on Simulation and Modeling

1. Welcome and Agenda (Loper)
2. Awards
 - SIGSIM Distinguished Contributions Award (Paul Fishwick)
 - WSC PhD Colloquium and Best Paper Award ([Anastasia Anagnostou](#))
 - SIGSIM Student Travel Awards ([David Bell](#))
3. Outreach
 - Simulation Archives ([Jim Wilson](#))
 - ACM SIG Heritage Workshop ([Jim Wilson](#))
4. Conference Reports
 - MSWIM 2019 (tbd)
 - SIGSIM-PADS 2019 and 2020 ([Philippe Giabbanelli](#))
5. Journal Reports
 - TOMACS ([Francesco Quaglia](#))
 - JOS ([Simon Taylor](#))
6. Budget and Finances ([Kara Olson](#))
7. General Discussion and New Business (Loper)

WSC'19 PhD Colloquium

Sunday, December 8, 2019

- **Committee members**

- Weiwei Chen (INFORMS-Sim; Chair)
[Rutgers University, USA](#)
- Anastasia Anagnostou (ACM SIGSIM)
[Brunel University London, UK](#)
- Jose Padilla (ACM SIGSIM)
[Old Dominion University, USA](#)
- Chang-Han Rhee (INFORMS-Sim)
[Northwestern University, USA](#)

WSC'19 PhD Colloquium

Sunday, December 8, 2019

- **Colloquium Format**

- Presentations: **19** final year student submissions accepted
- All accepted submission were reviewed by the committee with *relevance* being the criterion
- Poster Session for open and interactive discussions
- Final year students get conference fees reimbursed and 1 year society membership

- **Keynote**

- Title: ***Perspectives on Simulation for Optimization and Optimization for Simulation***
- Speaker: **John R. Birge** (University of Chicago)



WSC'19 PhD Colloquium

Sunday, December 8, 2019

- **Best PhD Student Paper Award**

- ACM-SIGSIM and INFORMS-Sim will each award a Best PhD Student Paper award (\$200)
- PhD Colloquium participants who are main authors of accepted **contributed papers** are eligible to compete for the award
- Three evaluation criteria: *Innovation, Content, and Presentation*
- PhD Colloquium Committee members have reviewed all submissions before the conference, and the final decision is made after presentations on the day of colloquium

WSC'19 PhD Colloquium – Presentations I

Sunday 2:15pm-3:45pm

- Using a Novel Twitter Simulator for Finding the Efficient Algorithm for a Followee-follower Recommender System
[Sepideh Banihashemi \(Ryerson University\)](#)
- Project Type Manufacturing Process Simulation: A Case Study on Shipyard Hoisting Process
[Mindong Liu \(College of Shipbuilding Engineering, Harbin Engineering University\)](#)
- Increasing Fault Tolerance in IoT and Adhoc Networks for Risk Reduction in Disaster Recovery Mode
[Jose Roberto Emiliano Leite \(UNICAMP\)](#)
- Exploring DES Use in Production System Design When Implementing Process Innovations
[Erik Flores-Garcia \(Mälardalen University\)](#)
- Monte Carlo Tree Search with Optimal Computing Budget Allocation
[Yunchuan Li \(University of Maryland\)](#)
- Multiservice Traffic Performance of Small Cells
[Loreno Menezes da Silveira \(State University of Campinas\)](#)
- Multi-scale Hospital Evacuation Simulation to Improve Healthcare Resilience
[Fardad Haghanah \(Johns Hopkins University\)](#)
- On the Impacts of Tail Model Uncertainty in Rare-event Estimation
[Zhiyuan Huang \(University of Michigan\)](#)
- Limiting Distributional Fixed Points in Systemic Risk Graph Models
[Anand Deo \(Tata Institute of Fundamental Research\)](#)
- Traffic Forecasting: A Hybrid Approach Using Simulation and Machine Learning
[Casey Bowman \(University of North Georgia\)](#)



WSC'19 PhD Colloquium – Presentations II

Sunday 4:00pm-5:30pm

- Multi-criteria Decision Making in Settings with Uncertainty
[Sebastian Rojas-Gonzalez \(KU Leuven\)](#)
- A Simulation Model to Assess the Implications of Genetic Testing in Cholesterol Treatment Plans
[Wesley Marrero Colon \(University of Michigan\)](#)
- Dynamic Congestion Pricing for Ridesourcing Traffic: A Simulation Optimization Approach
[Qi Luo \(University of Michigan\)](#)
- Towards Automatically Generating Simulation Experiments
[Pia Wilsdorf \(University of Rostock\)](#)
- Method for the Description of Actions in Wholesale Logistics Networks and Their Implementation in Simulation Models
[Dominik Schmitt \(TU Dortmund University, Graduate School of Logistics\)](#)
- Random Perturbation to Quantify Input Uncertainty
[Huajie Qian \(Columbia University\)](#)
- Simulation-based Optimization of Dynamic Scheduling of Outpatient Appointments with Patient No-shows and Provider Lateness
[Secil Sozuer \(Lehigh University, Sanofi Pasteur\)](#)
- A Sensitive Analysis Study to Measure Impact of Real-time Traffic Volume Data Imputations on Traffic Performance Measures
[Abhilasha Saroj \(Georgia Institute of Technology\)](#)
- Examining Resident Assignment in Dermatology Outpatient Clinic Using Discrete-event Simulation
[Nurul Suhaimi \(Northeastern University\)](#)



WSC'19 PhD Colloquium

ACM SIGSIM Award

Sebastian Rojas-Gonzalez

**“Multiobjective Ranking and Selection
with Correlation and Heteroscedastic
Noise”**



ACM SIGSIM

Special Interest Group on Simulation and Modeling





SIGSIM

ACM SIG on Simulation and Modeling

SIGSIM Education Committee 2019

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 **25** 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 **2020** -ACM International Conference on Modeling, Analysis and Simulation of Wireless and Mobile Systems MSWiM

PADS

SIGSIM Student Travel Support

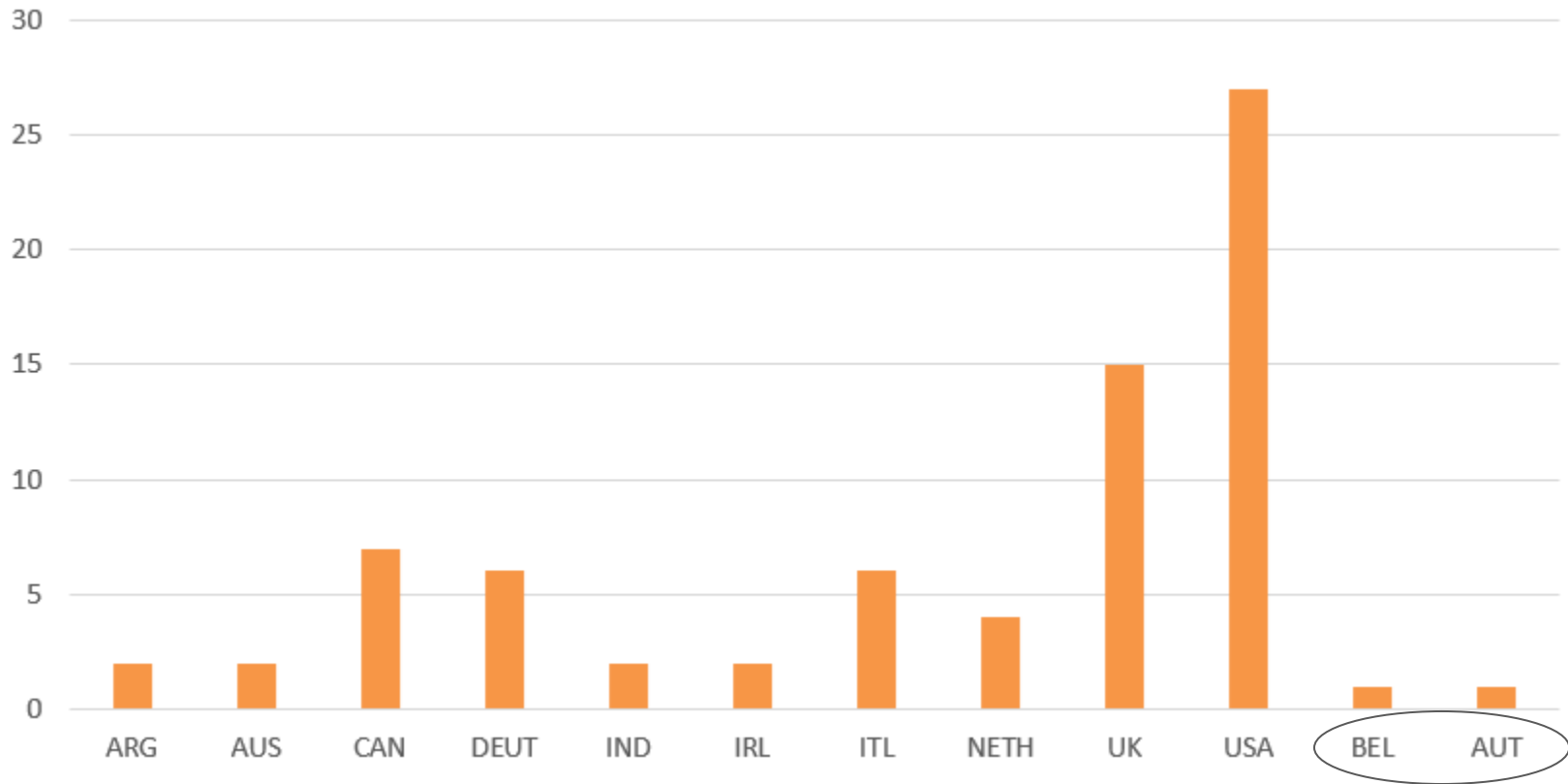
- PADS 2019, 10 Applicants, 6 Supported
 - *Bart Gajderowicz : University of Toronto*
 - *Till Koester : University Rostock*
 - *Tran Ngoc : University of Texas*
 - *Jin Rong : University of Texas*
 - *Mateo Principe : University of Rome*
 - *Andrea Piccione : University of Rome (Sapienza)*

WSC

SIGSIM Student Travel Support

- WSC 2019, 30 Applicants, 20 supported
 - Alexis Pflaum : The University of Adelaide
 - Bhoomica M. Nataraja : Eindhoven University of Technology
 - Nitish Singh : Eindhoven University of Technology
 - Yagmur Gok : The University of Edinburgh
 - Drupad Parmar : Lancaster University
 - Rémi Delanghe : Ghent University
 - Christoph Kogler : University of Natural Resources and Life Sciences, Vienna
 - Graham Laidler : Lancaster University
 - Anna Roemer : Technische Universität Ilmenau
 - Muhammad Shalihin Bin Othman : National University of Singapore
 - Tejas Ghorpade : IIT Bombay
 - Yajuan Li : New Jersey Institute of Technology
 - Maojia Li : Rochester Institute of Technology
 - Haofeng Zhang : Columbia University
 - Anuj Mittal : The University of Texas at Arlington
 - Nilufer Oran Gibson : The University of Texas at Arlington
 - Wesley Marrero : The University of Michigan
 - Pia Wilsdorf : University Rostock
 - Qi Luo : The University of Michigan
 - Melissa Arin Zirps : Stanford University

Recipient Countries since WSC 2014



Report on Computer Simulation Archive -1

- The Archive Advisory Committee consists of Russ Barton, Simon Taylor, Dick Nance, and Jim Wilson (Chair).
- Dick Nance represented SIGSIM and the Computer Simulation Archive at ACM Heritage Workshop May 20–21, 2019
- We will complete the acquisition and cataloging of the James O. Henriksen Papers in Spring 2020. Jim Wilson is also working on the completion of two of Jim’s papers for publication—a new form of “archiving.”
- We are planning a new set of interviews with simulation pioneers to begin in late Spring of 2020.

Report on Computer Simulation Archive -2

- We are currently digitizing some of the collections using the limited income from the endowment.
- As of 9/30/2019, the Archive Endowment is \$124,385.00
- Additional donations from SIGSIM could accelerate the growth of the Endowment and hence the rate of new acquisitions and digitization of the collections.

Development of the Computer Simulation Archive

Richard E. Nance

Department of Computer Science

Virginia Tech (Retired)

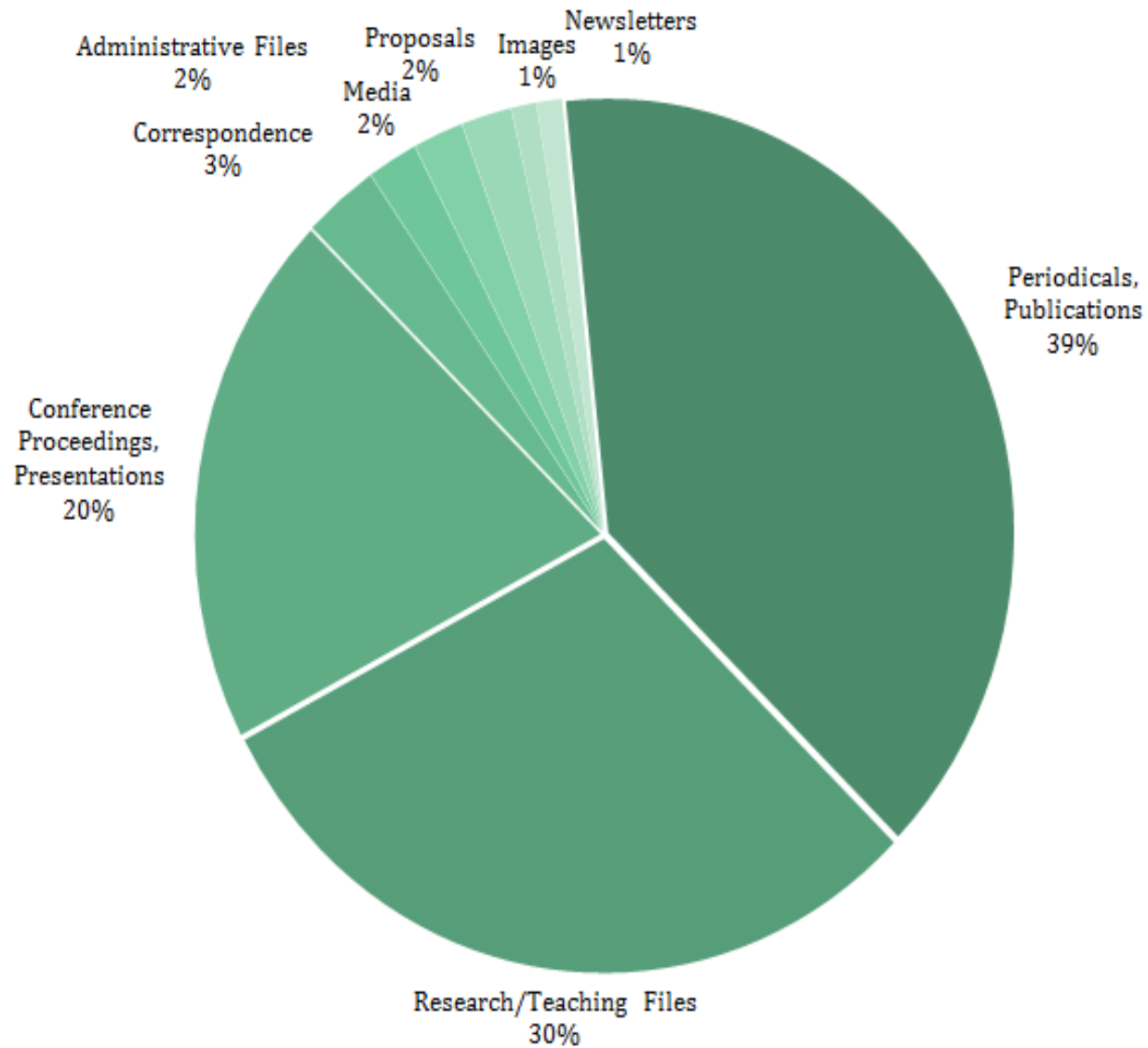
ACM SIG Heritage Workshop

May 20 – 21, 2019

Founding of the Archive

- Initiated with an idea by Robert G. Sargent (Syracuse) in 1996.
- Discussion with James R. Wilson (NCSU) leads to creation in Special Collections Unit of NCSU Libraries, announced in 1998.
- Motivation
 - Provide single location for archiving works of the early pioneers in Modeling & Simulation (M&S) and subsequent significant accomplishments.
 - Document emergence and maturation of M&S in extent and breadth.
 - Establish visible repository for current and future inquiry in M&S history, history of technology, and evolution of M&S *through multiple perspective prisms* (computing hardware, computer software, academic disciplines, application domains, and others).

Retroactive Assessment of Extent and Breadth



Chronology of Significant Events

- 1998 Initial commitments, donations, announcements.
- 2003 Major donations of broad class of materials.
- 2007 Archive endowment established by Sargent (\$15K).
- 2008 Archive advisory committee formed by agreement.
- 2013 Successful proposal to NSF for oral videos of pioneers.
- 2017 Archived material exceeds 150 l.f. and 1.5 TB born digital.
- 2017 Endowment exceeds \$100K (SIGSIM, I-Sim, FOL, Brunel, individuals).
- 2017 Development of Archive session presentations at WSC.
- 2018 Agreement creating CSAAC revised in LoU.
- 2018 K.D. Tocher materials donated by Brian Hollocks.

Salient Points from Project Experience

- *Vision of an individual*: Robert G. Sargent.
- *Perception of an individual coupled with actions*: Sargent and James R. Wilson. <https://www.informs-sim.org/wsc17papers/includes/files/022.pdf>
- *Highly supportive leadership within NCSU Libraries*: Susan K. Nutter and Greg Raschke. <https://www.informs-sim.org/wsc17papers/includes/files/024.pdf>
- *Early and continuing support from a multidisciplinary professional community (SIGSIM, I-Sim, ASA) and individuals.*
- *Proactive role and actions of CSAAC members.*

Overview of ACM SIGSIM-PADS 2019

Chair: *Kevin Jin, Illinois Institute of Technology*



Followed by

Overview of ACM SIGSIM-PADS 2020

Chair: *Jason Liu, Florida International University*



Presented on behalf of both chairs by **Philippe Giabbanelli** (Miami University)
PhD Colloquium Chair, PADS 2019 *Program Chair, PADS 2020*

ACM SIGSIM-PADS 2019



Illinois Institute of Technology (IIT)

Chicago

June 3–5 (Mon– Wed)



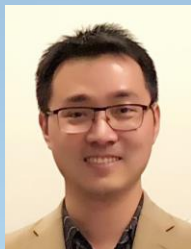
SIGSIM

ACM SIG on Simulation and Modeling

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



Organizing Committee



General Chair: Kevin Jin



Program Co-Chairs: Jason Liu & Sanjay Kale



PhD Colloquium Chair: Philippe Giabbanelli



Publicity Chairs: Misbah Mubarak



Proceedings Chair: Zengxiang Li



Local Arrangement Chair: Dawn DeBartolo

Key numbers: Overall

54

Conference Attendees – thank **YOU!**

53

TPC Members – all over the world

15

Ph.D. Colloquium Participants, 20+ submissions

10

Students Travel Grant – thank **NSF** and **SIGSIM!**

9

Reproducibility Committee Members (Chairs: Lin and Alessandro)

4

Local Arrangement Members (Dawn, Xin, Xiaoliang, Yanfeng, Chris)

3

Past-year SIGSIM-PADS Chairs (Richard, Wentong, Alessandro)

2

Keynote Speakers (Robert Ross, ANL; Anita Nikolich, IIT)

And countless... Misbah (publicity), Osman(website), invited paper reviewers, paper shepherds ...

Key numbers: Papers

- Paper submissions
 - Regular papers 24 papers
 - Invited papers: 8 papers
- 139 paper reviews
 - Average 5 reviews per regular paper, 3 reviews per invited paper
- Acceptance
 - Regular papers 8 full papers, 4 short papers, 12 rejects
 - Invited papers 7 full papers, 1 reject
- 7 papers participated in Reproducibility Initiative
 - 16 reproducibility badges were requested out of which 12 were issued

Ph.D. Colloquium with a New Look

we focus on students!

What you would typically see...

- Poster sessions are before or at the end of the conference. Most attendees come in later, or **leave before...**
- You have to introduce **the basics** of your research again, and again, and **again.**
- **Limited activities to support your success:** only present a poster.

Our approach

- Our session is right in the middle of the conference to **maximize attendance.**
- You introduce the **basics once** during your oral presentation. Your poster sessions can now go into the details.
- **Many activities:** career panel (what to do after a PhD?), break with editors...

More than **20** students submitted their work for the colloquium.

A total of **15** were selected.

Agent-based models

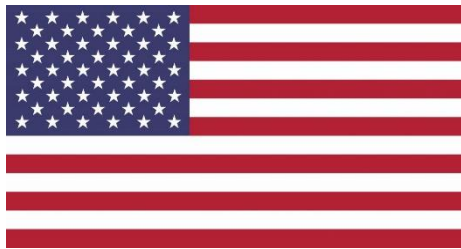
Cyberphysical systems

...

Simulation languages

Breadth of topics across areas of Advanced Discrete Simulations

Diversity in attendees, both geographically and with under-represented minorities



Sultanah Al-Shammari
University of North Texas



Christopher Davis
Portland State University

PADS'19, in summary:

- **Successes:**

- Strong student participation
 - Ph.D. colloquium, 20+ submissions
- First-time NSF support
 - Kevin and Philippe are submitting a proposal for PADS 2020
- Strong engagement from National Labs

- **Areas to improve:**

- Low submissions - 24 papers





SIGSIM-PADS 2020

June 15-17, 2020 Miami, Florida, USA



Organizing Committee



General Chair: Jason Liu

Professor
School of Computing and Information
Sciences
Florida International University
Miami, Florida, U.S.A.



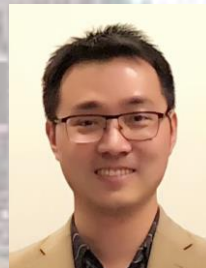
Reproducibility Co-Chair: Alessandro Pelloni

Research Fellow
Sapienza University of Rome
Rome, Italy



Program Co-Chair: Philippe Giabbanelli

Associate Professor
Dept of Computer Science and Software
Engineering
Miami University
Oxford, Ohio, U.S.A.



Ph.D. Colloquium Chair: Kevin Jin

Associate Professor
Department of Computer Science
Illinois Institute of Technology (IIT), Chicago,
U.S.A.



**Program Co-Chair: Christopher D.
Carothers**

Director, Center for Computational Innovations
Professor
Department of Computer Science
Rensselaer Polytechnic Institute
Troy, New York, U.S.A.



Proceedings Chair: Kishwar Ahmed

Assistant Professor
University of South Carolina Beaufort
Beaufort, South Carolina, U.S.A.



**Reproducibility Co-Chair: Adelinde M.
Uhrmacher**

Professor
Modeling and Simulation Group
Universität Rostock
Rostock, Germany



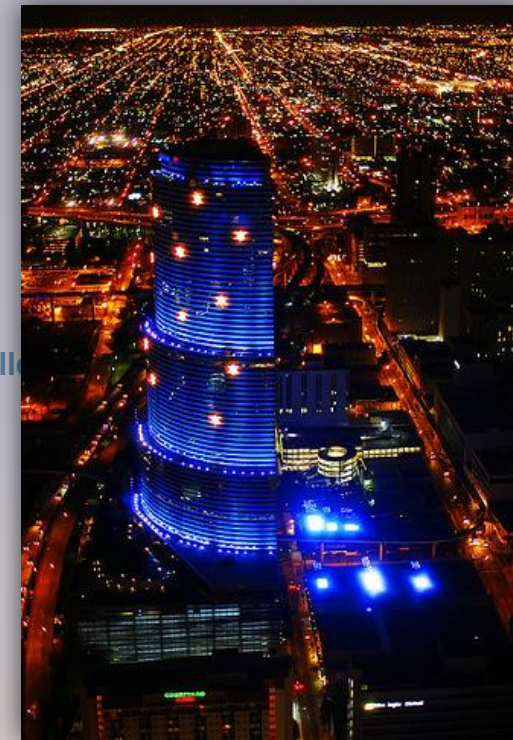
Publicity Co-Chairs:

Caitlin Ross^[SEP]
Research and Development
Engineer
Kitware, Inc.^[SEP]
Clifton Park, New York, U.S.A.



Elsa Gonsiorowski^[SEP]

System Software Developer^[SEP]
Lawrence Livermore National
Laboratory
Livermore, California, U.S.A.



Program Committee

1. Nael Abu-Ghazaleh, University of California - Riverside, USA
2. Kishwar Ahmed, University of South Carolina - Beaufort, USA
3. Fred Amblard, University Toulouse 1 Capitole, France
4. Philipp Andelfinger, Oak Ridge National Laboratory, USA
5. Fernando Barros, University of Coimbra, Portugal
6. Abhinav Bhatele, University of Maryland - College Park, USA
7. Wentong Cai, Nanyang Technological University, Singapore
8. Christopher Carothers, Rensselaer Polytechnic Institute, USA
9. Andrea D'Ambrogio, University of Rome TorVergata, Italy
10. Stephan Eidenbenz, Los Alamos National Laboratory, USA
11. Paul Fishwick, The University of Texas at Dallas, USA
12. Philippe Giabbanelli, Miami University, USA
13. Xiaolin Hu, Georgia State University, USA
14. Piper Jackson, Thompson Rivers University, Canada
15. Dong Jin, Illinois Institute of Technology, USA
16. Peter Kemper, College of William and Mary, USA
17. Zhilling Lan, Institute of Technology, USA
18. Michael Lees, University of Amsterdam, The Netherlands
19. Jason Liu, Florida International University, USA
20. Ning Liu, Microsoft, USA
21. Margaret Loper, Georgia Institute of Technology, USA
22. Vijay Mago, Lakehead University, Canada
23. Madhav Marathe, University of Virginia, USA
24. Navonil Mustafee, University of Exeter, UK
25. Ashkan Negahban, The Pennsylvania State University, USA
26. Alessandro Pellegrini, Sapienza University of Rome
27. Francesco Quaglia, University of Rome TorVergata, Italy
28. Juste Raimbault, Institut des Systemes Complexes (CNRS) - Paris, France
29. Dhananjai Rao, Miami University, USA
30. Robert Ross, Argonne National Laboratory, USA
31. Sachin Shetty, Old Dominion University, USA
32. Georgios Sirakoulis, Democritus University of Thrace, Greece
33. Steffen Strassburger, Ilmenau University of Technology, Germany
34. Simon Taylor, Brunel University, UK
35. Mirco Tribastone, IMT School for Advanced Studies Lucca, Italy
36. Adeline Uhrmacher, University of Rostock, Germany
37. Philip Wilsey, University of Cincinnati, USA
38. Verena Wolf, Saarland University, Germany

Thank you!!

Important Deadlines

Abstract Submission (required for all papers)	January 31, 2020
Paper Submission	February 14, 2020
Paper Notification of Acceptance	March 27, 2020
Applications for Travel Grants	April 3, 2020
Ph.D. Colloquium Submission	April 3, 2020
Ph.D. Colloquium Notification of Acceptance	April 13, 2020
Regular/Short Paper Camera-Ready Version	April 10, 2020
Ph.D. Colloquium and Poster Session	June 16, 2020
Conference	June 15-17, 2020

What we have **done**:

- ✓ Jason & Philippe established the **PC**, Philippe invited. **38 members**.
- ✓ Philippe & Kevin Jin **submitted an NSF student travel support proposal** for the PhD Colloquium
- ✓ Jason & Philippe Giabbanelli setup EasyChair. **Paper submission is open!**
- ✓ Jason & Osman Balci have **updated the website**
- ✓ Caitlin Ross & Elsa Gonsiorowski sent **targeted emails**

What we are working on:

- Jason is inviting speakers
- Our community needs to **spread the word**
- Consider **submitting** a paper or taking part in the PhD Colloquium!

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

SIGSIM PADS

ACM SIGSIM Conference on Principles of Advanced Discrete Simulation (PADS)

June 15-17, 2020
Miami, Florida, USA

Home Program Committees Authors Info SIGSIM

News The ACM SIGSIM PADS conference supports ACM Reproducibility Initiative.

Call for Papers
High quality papers are solicited on cutting-edge research that lies at the intersection of computer science and modeling and simulation.

Reproducibility
Click icon above to see the PADS Reproducibility Initiative. Authors submitting contributions to the conference can decide to opt in the initiative.

Call for Ph.D. Colloquium
The Ph.D. Colloquium and Poster Session is an exciting opportunity for Ph.D. students to present their work to the research community.

Thanks to Osman Balci



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>

ACM TOMACS

Status report

Management of the journal

- Recent change of the EIC
 - Outgoing Adelinde Uhrmacher (in charge till 31 August 2019)
 - Incoming Francesco Quaglia (since 1 September 2019)
- No recent change in the editorial board members
 - The latest one has been the inclusion of the RCR reproducibility board, set up by Adelinde
- No change in the EIC assistant
 - Holley Cornetto (ACM)

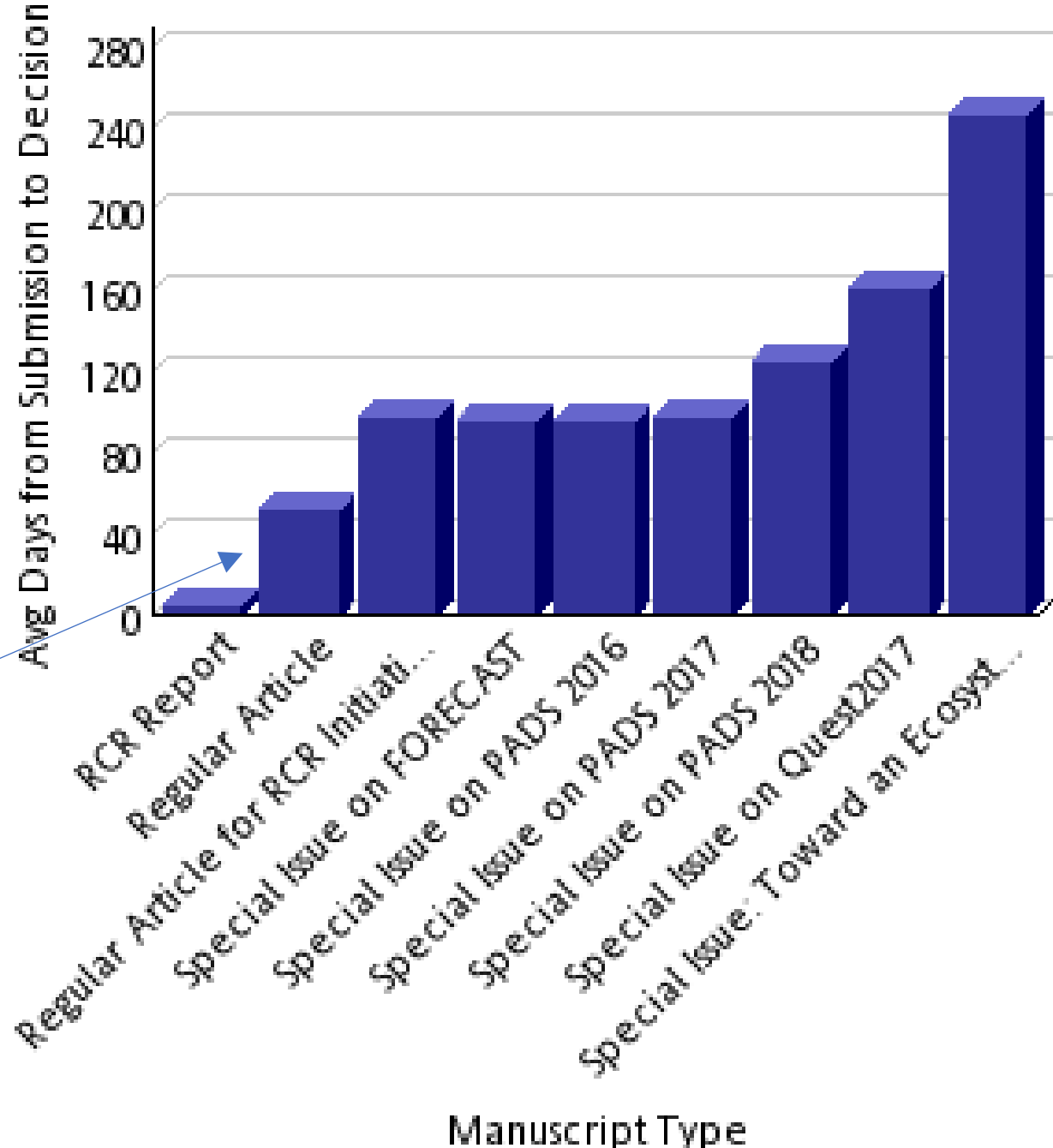
Submission/acceptance counts

- Year 2019, as of Dec 7
 - Original plus revised submissions: 85 (54+31)
 - Fraction of desk rejects over original submissions: 0.39
 - **Accepted revised: 17**
 - **Accepted original: 3**
 - Reject revised: 0
 - Reject original: 34

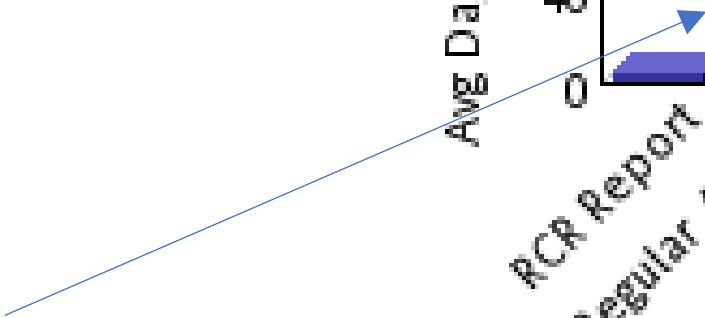
(only!) 6 more accepts in 2018 despite a significantly larger volume of submissions

- What happened in 2018
 - Original plus revised submissions: 141 (101+40)
 - Fraction of desk rejects over original submissions: 0.41
 - **Accepted revised: 24**
 - **Accept original: 2**
 - Reject revised: 3
 - Reject original: 69

Average number of days from submission to decision (original submissions since 2017)



Biased by desk rejects



A look at per-country statistics (year 2019)

Country/Region	Accept	Reject	Total	Accept Ratio
Bangladesh	0	1	1	0.00%
Brazil	0	3	3	0.00%
Canada	0	2	2	0.00%
China	3	11	14	21.43%
Czech Republic	1	0	1	100.00%
Denmark	1	0	1	100.00%
Egypt	0	1	1	0.00%
Germany	1	0	1	100.00%
India	1	5	6	16.67%
Indonesia	0	1	1	0.00%
Iran (the Islamic Republic of)	0	1	1	0.00%
Israel	0	1	1	0.00%
Italy	3	2	5	60.00%
Netherlands	0	1	1	0.00%
Poland	1	1	2	50.00%
Singapore	2	0	2	100.00%
Thailand	0	1	1	0.00%
Tunisia	0	1	1	0.00%
Turkey	0	2	2	0.00%
United Kingdom of Great Britain and Northern Ireland	3	1	4	75.00%
United States	10	8	18	55.56%

Bias towards rejects with a reasonably representative sample

Points of attention

- Reduction of the overall volume of submissions in the recent past
 - Unsure what the reasons are
 - Aspect maybe linked to the “TOMACS visibility” issue pointed to in the next slide
- We are also experiencing invitation declining
 - In various occasions authors invited to special issues (in particular recent special issues on PADS) did not actually participate
 - This additionally contributes to the reduction of the overall volume of submissions (expectedly of good quality)

Additional aspects

- There is the need for improving the visibility of TOMACS
 - International rankings (like Scimago) put TOMACS below the top 50%
 - The reason is mostly related to the relatively low (although stable along the years) citation count
 - We can discuss if these indexes are reliable or not, but we are anyhow faced with the issue
- Possible actions
 - Continue to push conference targeted special issues (like PADS and QUEST): already in place activity
 - Try to enlarge the TOMACS involved communities by establishing links with a wider set of researchers (e.g. via fast tracks or cross-conference special issues): currently under exploration

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 1.533 (2018)
 - ~ 20% acceptance rate
 - Average time to final decision < 100 days

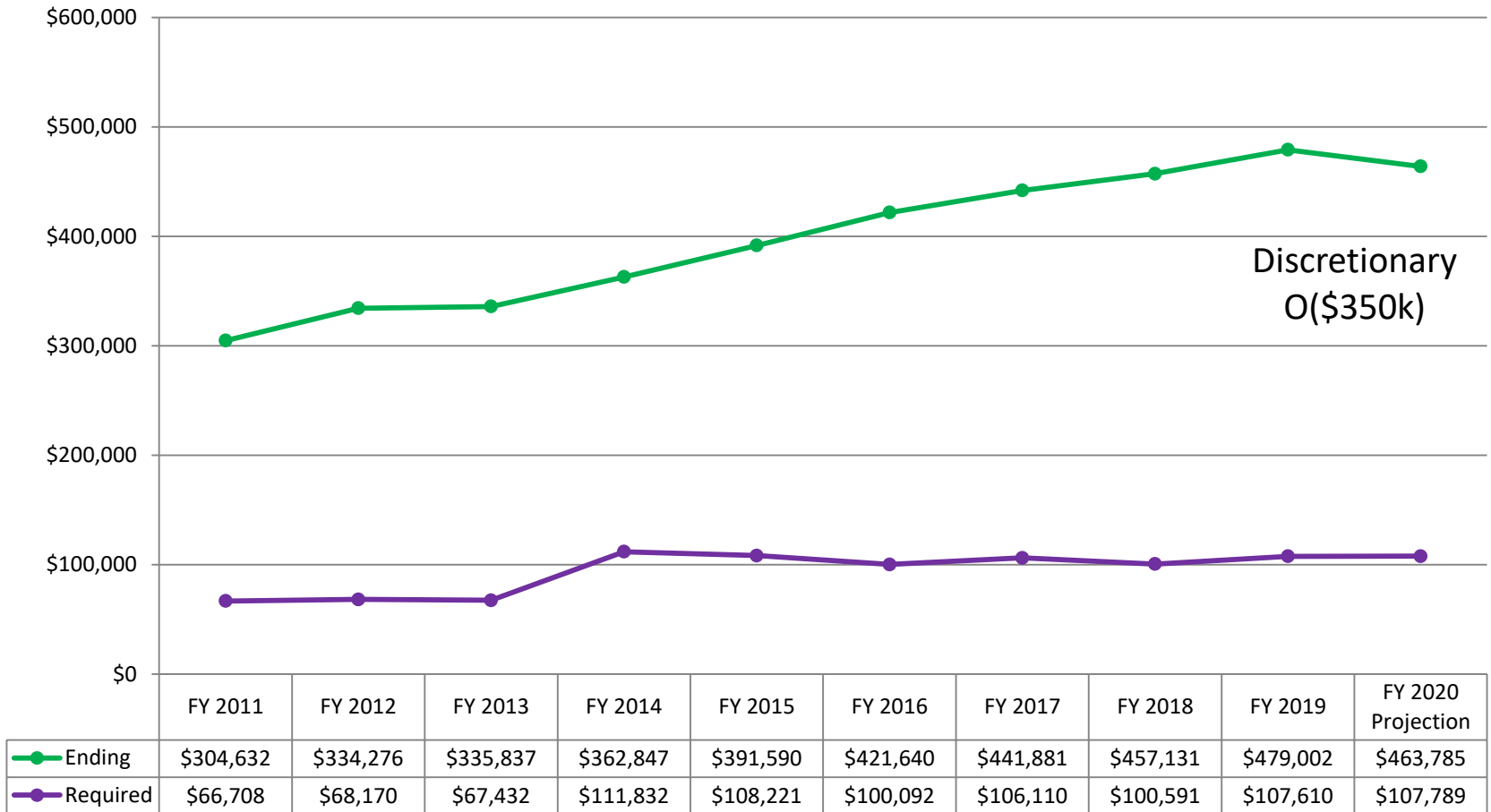


Budget and Finances
ACM SIGSIM
WinterSim 2019

Kara A. Olson
SIGSIM Treasurer/Secretary

Darren Ramdin
Director, Office of Financial Services

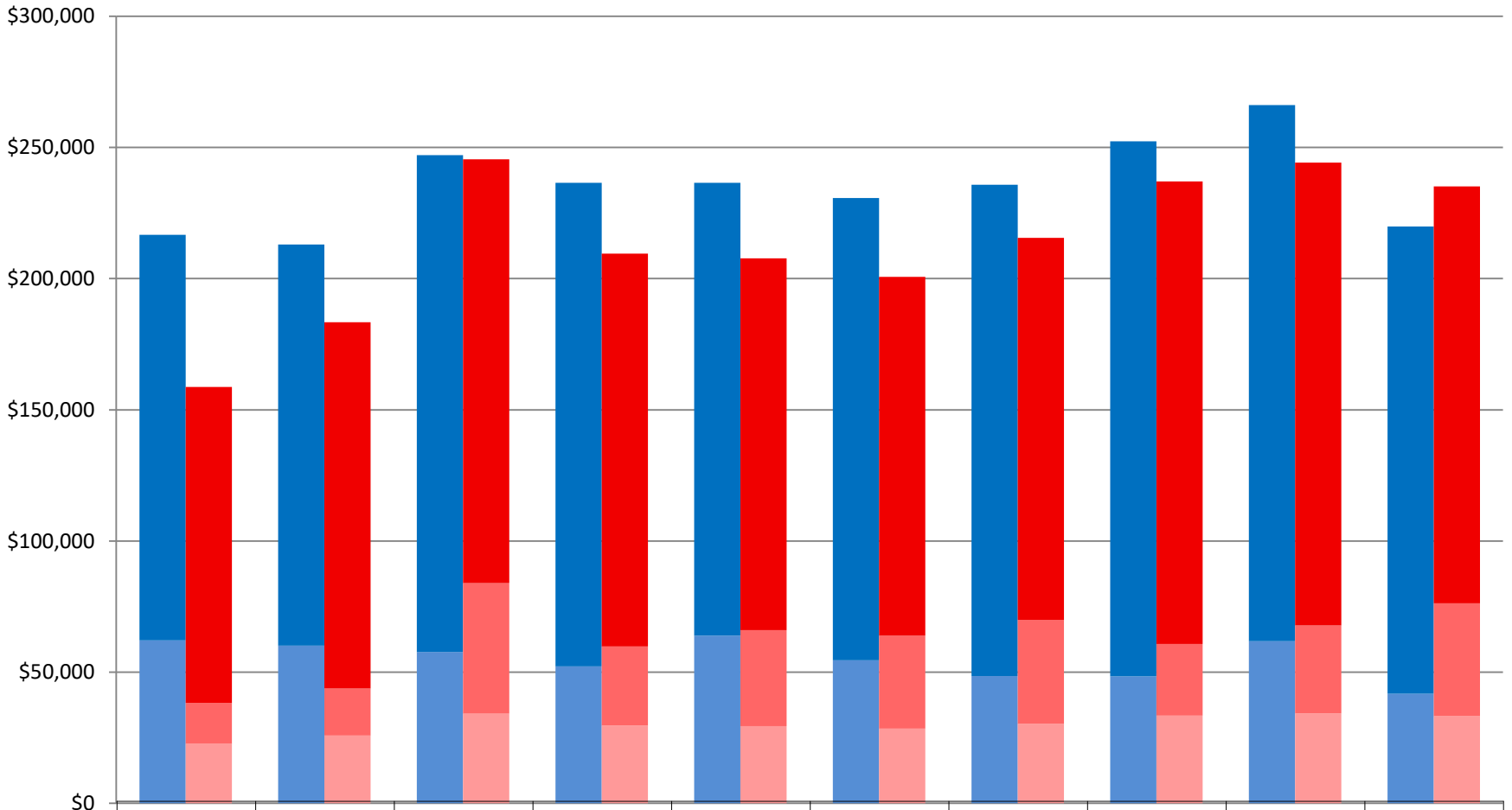
Fund Balance



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

Fiscal year 2020: organization activities July 2019 - June 2020 +
 conference activities March 2019 - February 2020

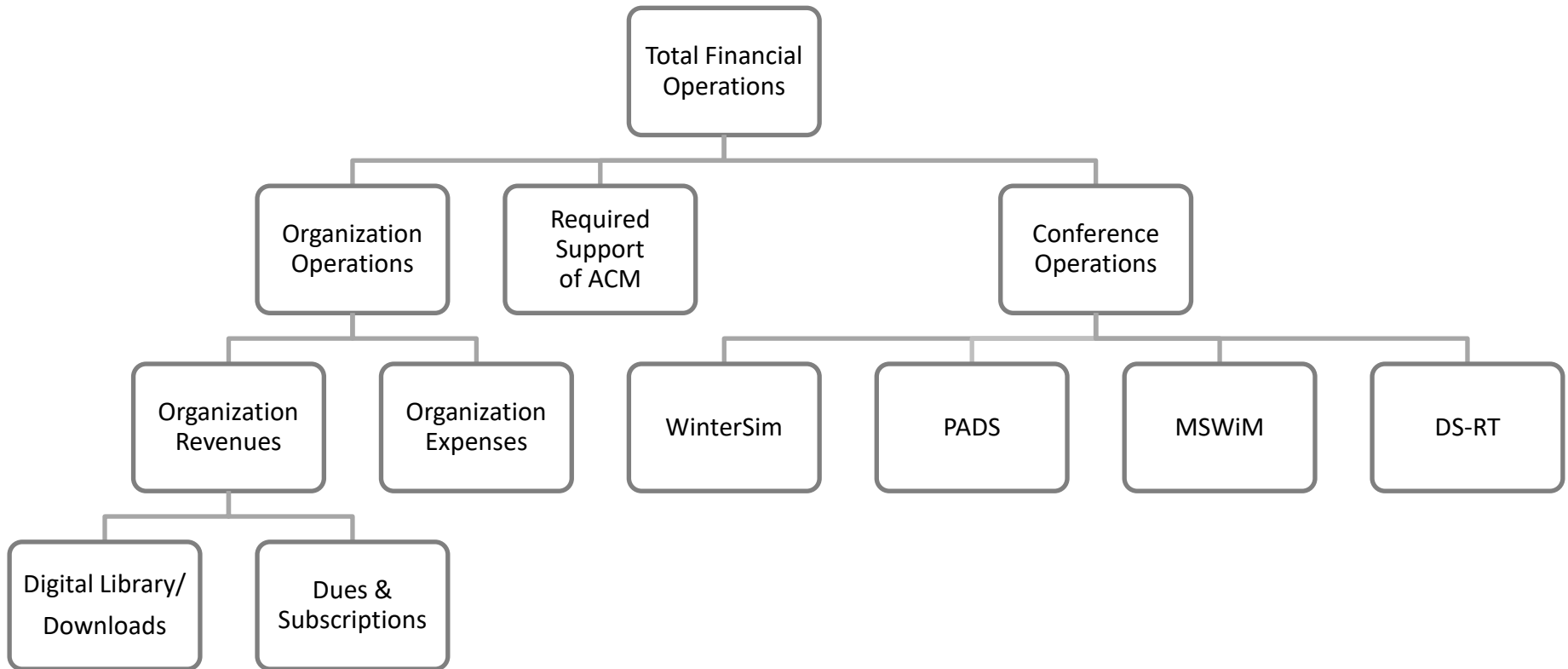
Total Financial Operations



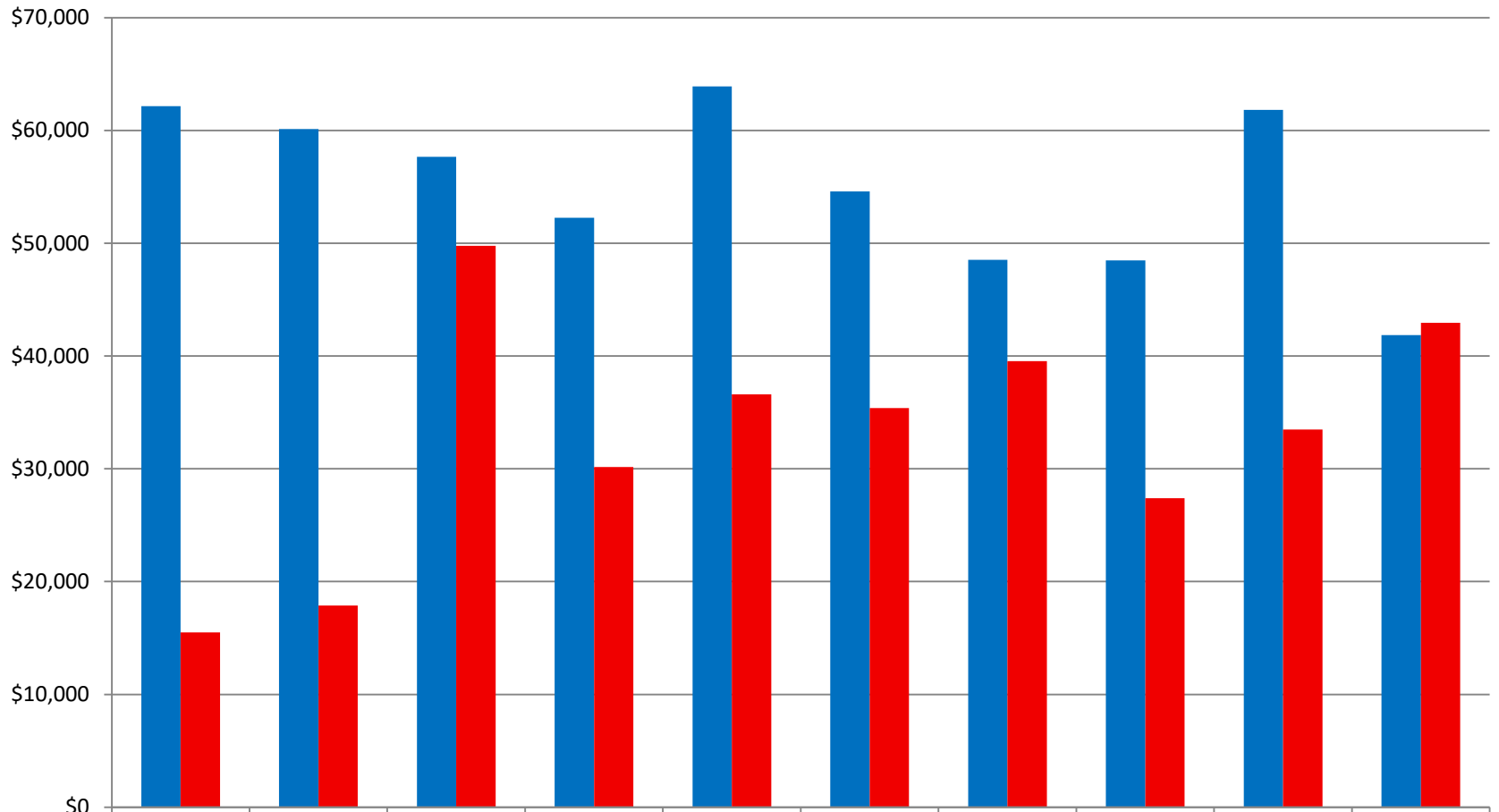
	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020 Projection
Revenues	\$216,690	\$212,964	\$247,055	\$236,495	\$236,516	\$230,691	\$235,816	\$252,328	\$266,115	\$219,872
Expenses	\$158,715	\$183,321	\$245,494	\$209,484	\$207,773	\$200,640	\$215,575	\$237,078	\$244,243	\$235,089

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

Details



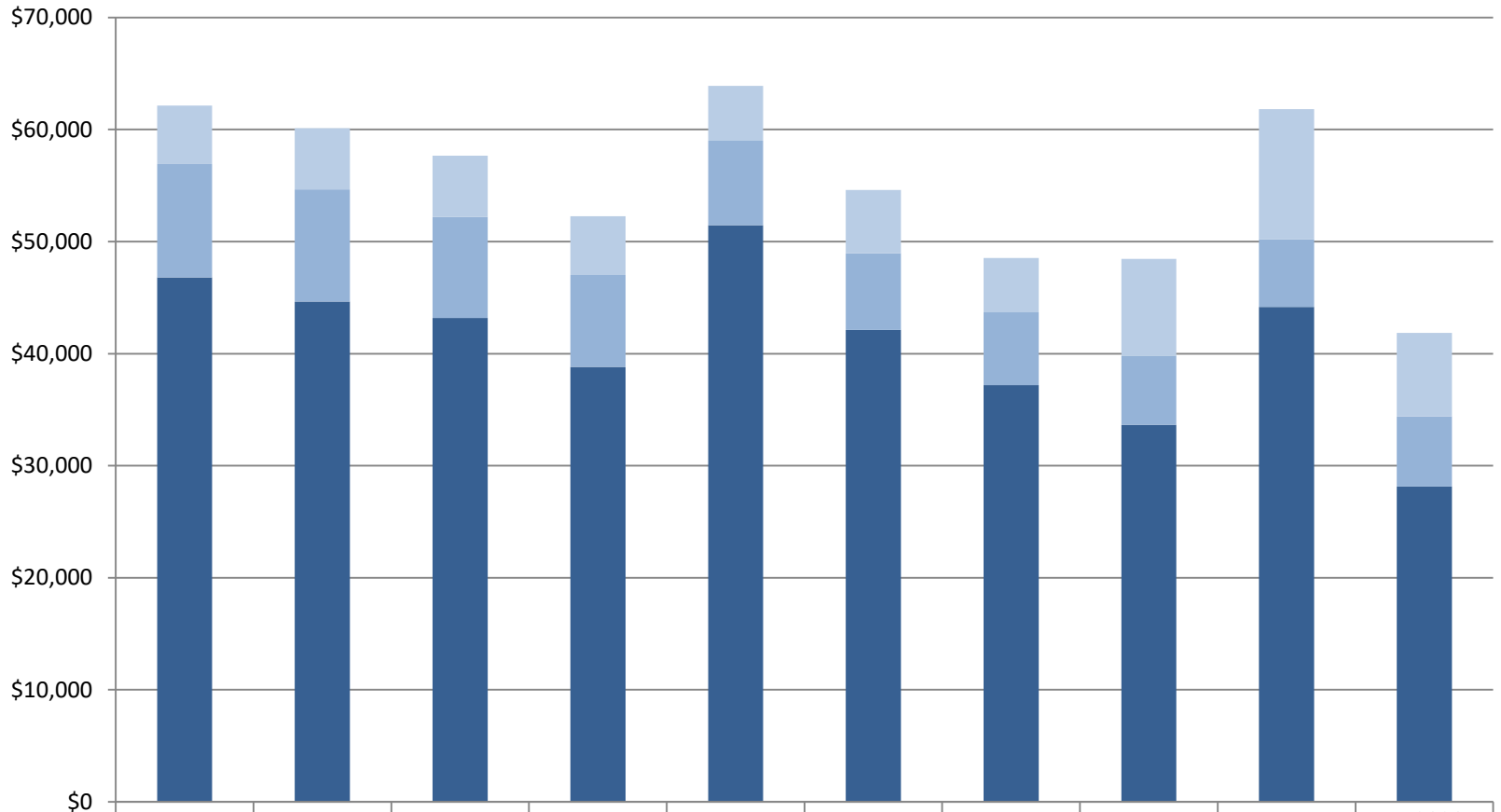
Organization Operations



	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020 Projection
■ Revenues	\$62,142	\$60,125	\$57,671	\$52,257	\$63,904	\$54,600	\$48,526	\$48,465	\$61,822	\$41,845
■ Direct Expenses	\$15,504	\$17,878	\$49,767	\$30,154	\$36,611	\$35,387	\$39,559	\$27,394	\$33,487	\$42,952

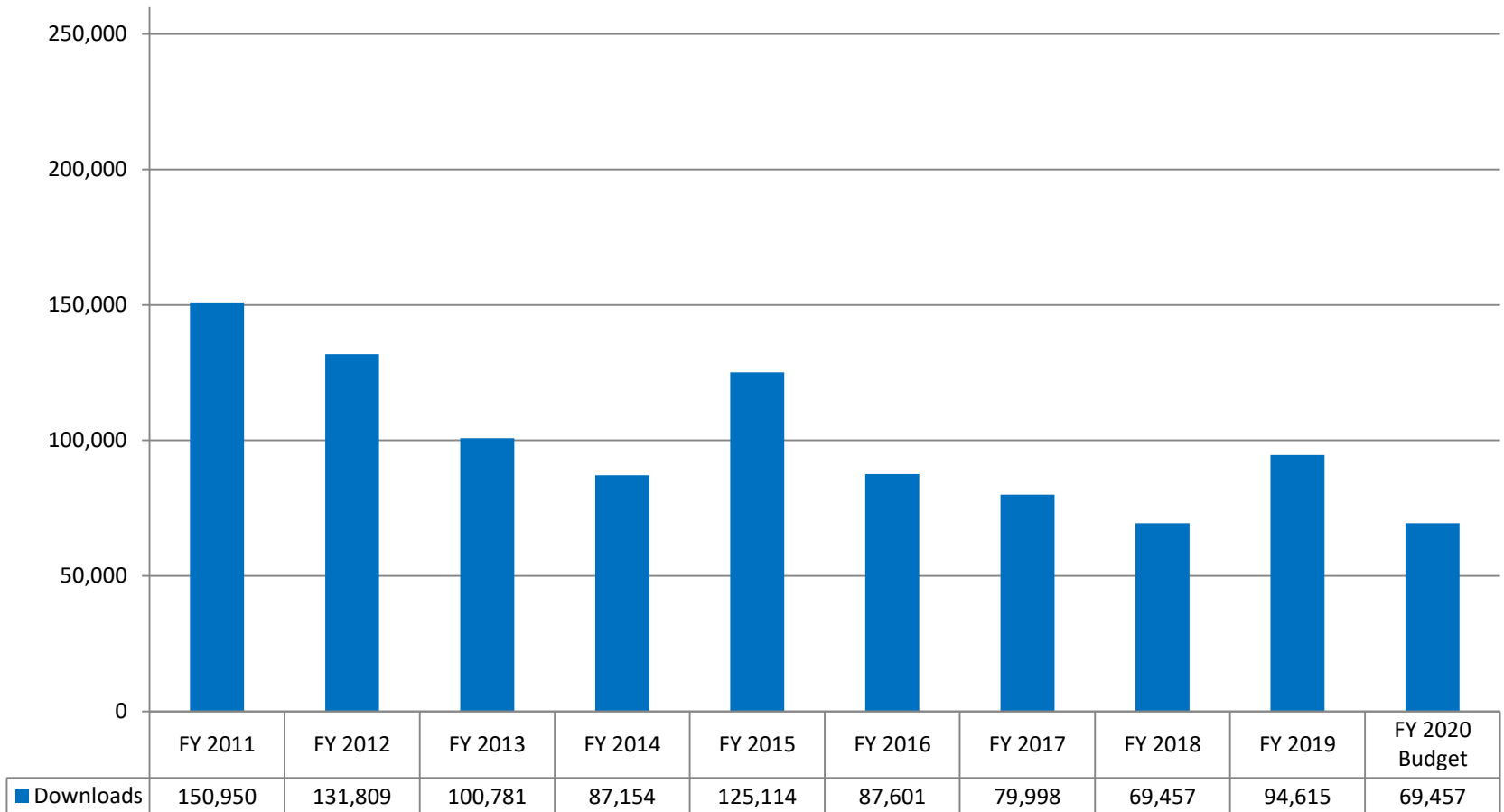
↖ FY 2013 – new student travel funding

Organization Revenues



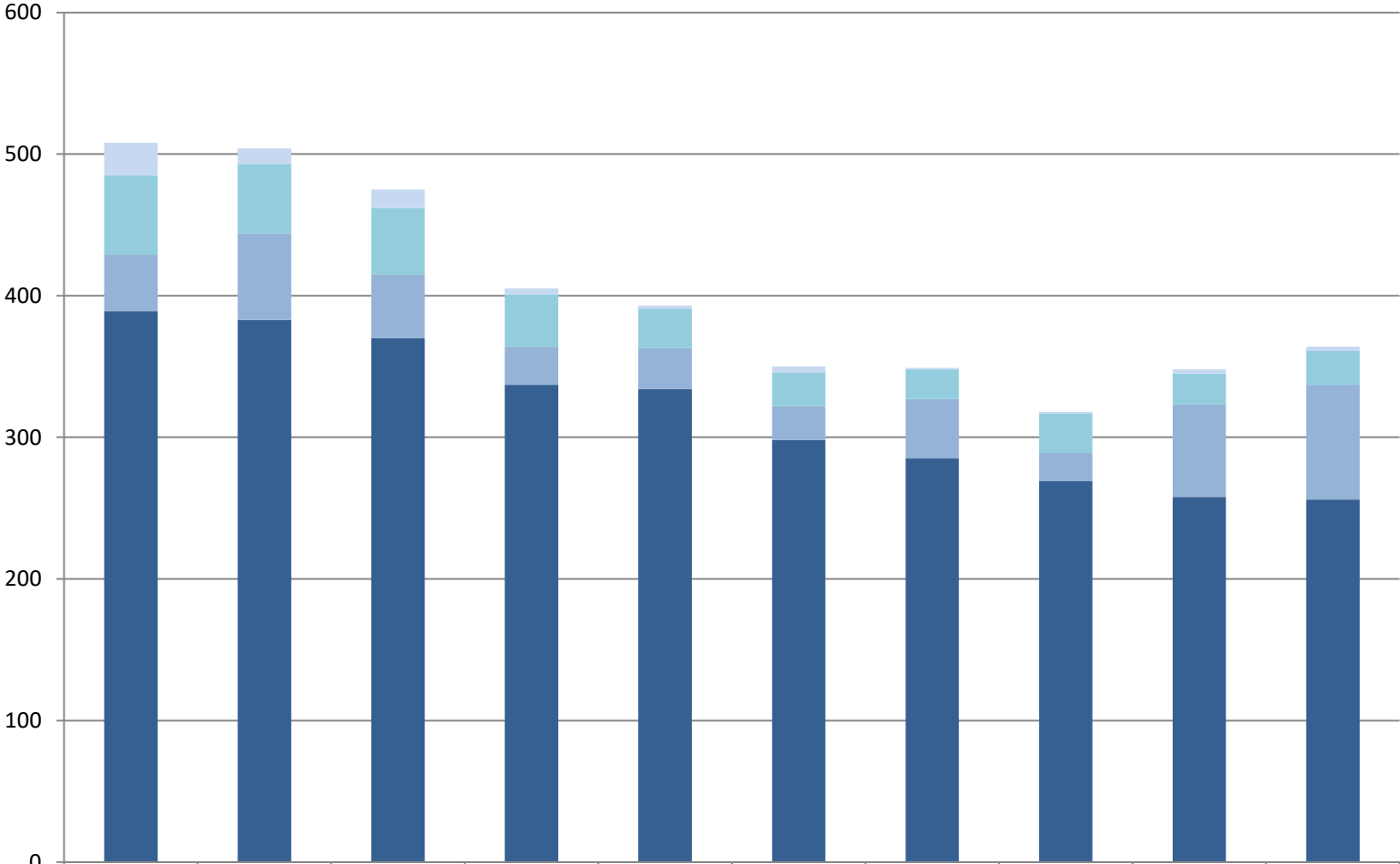
	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020 Projection
Interest and All Other	\$5,222	\$5,458	\$5,454	\$5,245	\$4,918	\$5,634	\$4,836	\$8,632	\$11,610	\$7,451
Dues & Subscriptions	\$10,129	\$10,018	\$9,047	\$8,194	\$7,528	\$6,861	\$6,510	\$6,188	\$6,058	\$6,243
Digital Library	\$46,791	\$44,649	\$43,170	\$38,818	\$51,458	\$42,105	\$37,180	\$33,645	\$44,155	\$28,151

Digital Library/Downloads



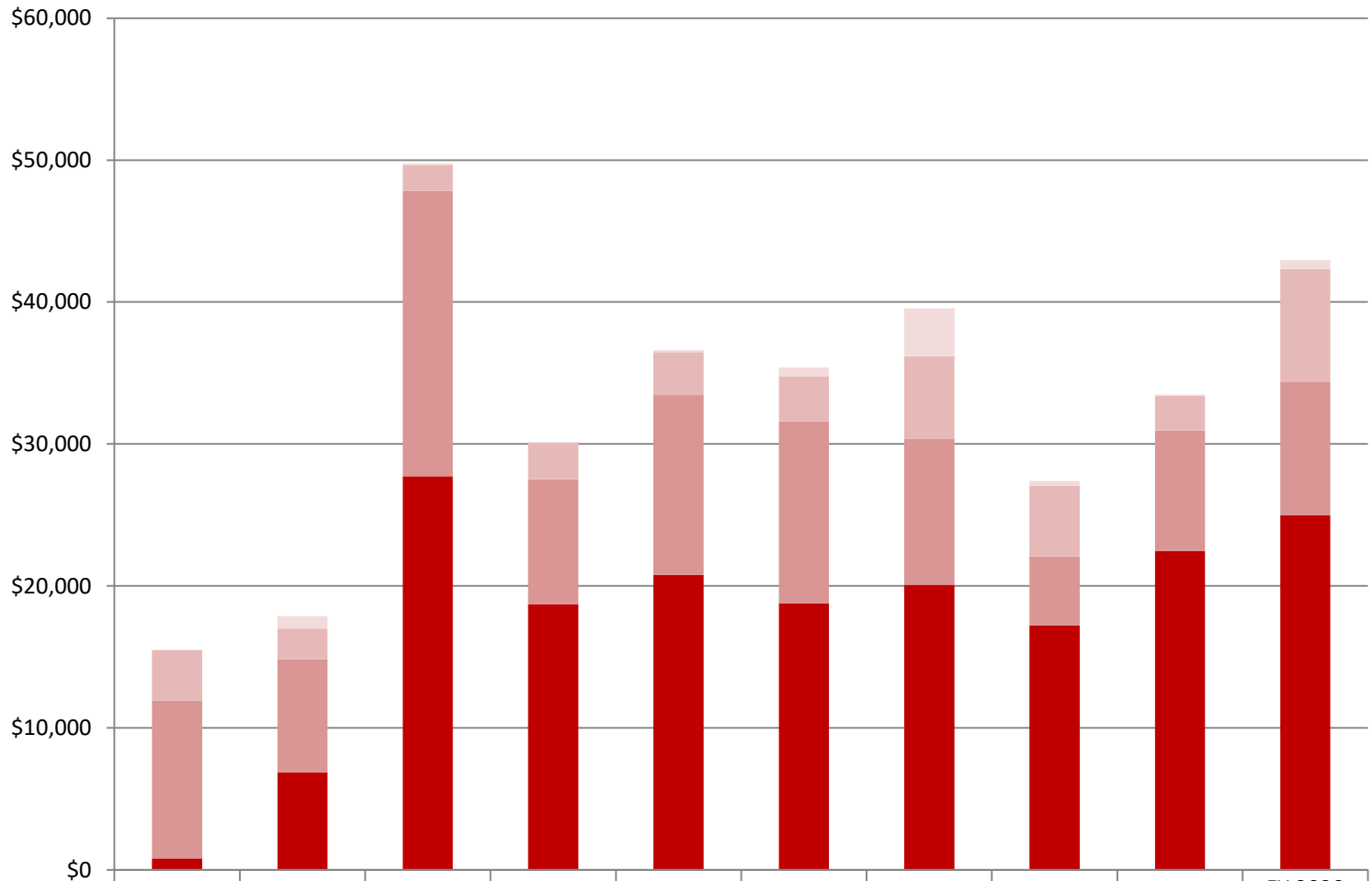
- Each SIG receives income from the Digital Library based on downloads (minimum \$10K)
- Downloads decreased notably starting in 2010 in part due to new open access of Winter Simulation Conference papers
- Downloads later increased due to pre-print availability of TOMACS and other articles

Dues & Subscriptions



	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020 Projection
Subscribers	23	11	13	4	2	4	1	1	3	3
Student Members	56	49	47	37	28	24	21	28	22	24
SIG-Only Members	40	61	45	27	29	24	42	20	65	81
Professional Members	389	383	370	337	334	298	285	269	258	256

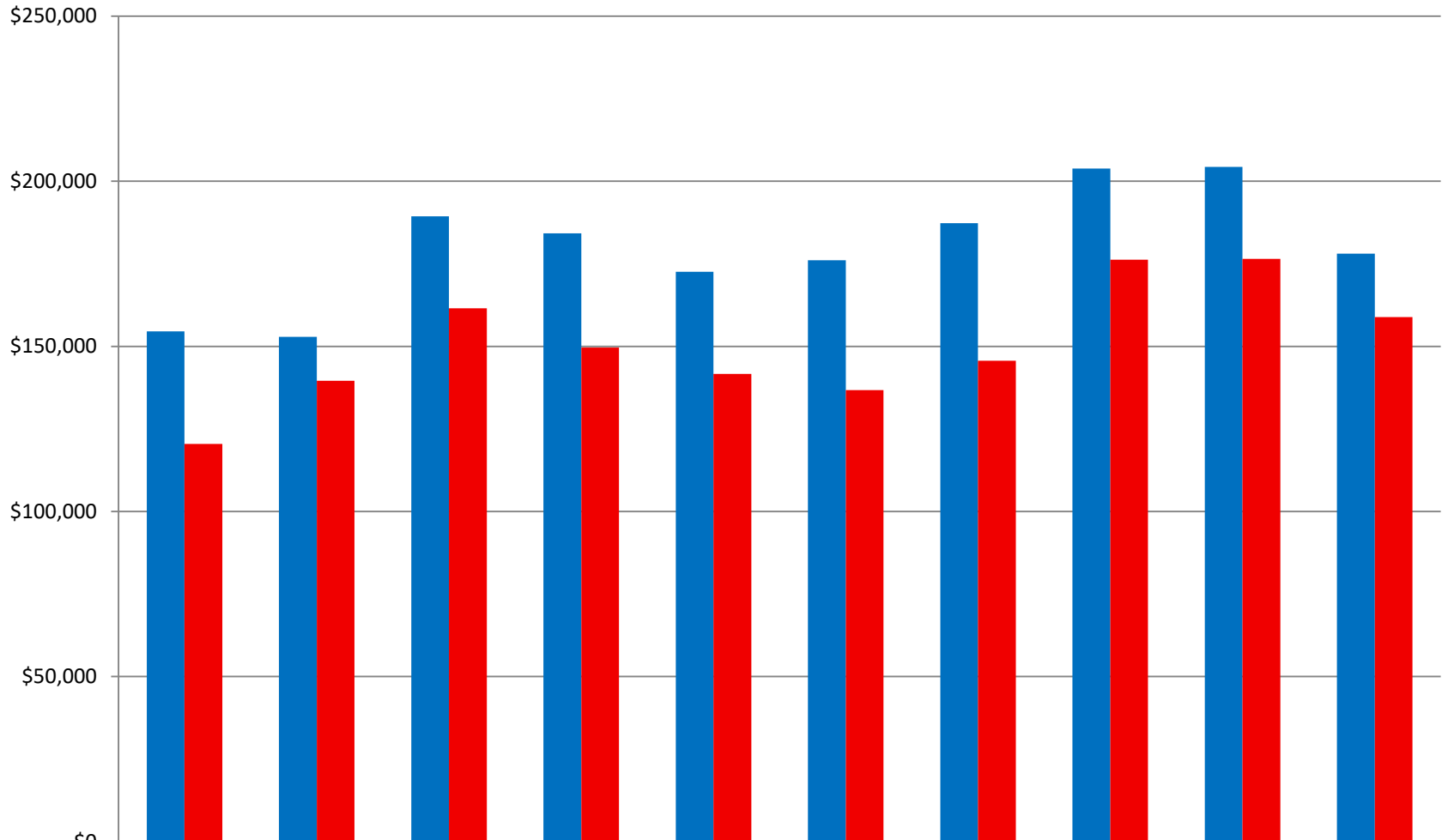
Direct Organization Expenses



	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020 Projection
All Other	\$23	\$865	\$127	\$108	\$149	\$624	\$3,388	\$353	\$83	\$620
Travel and Meetings	\$3,575	\$2,193	\$1,804	\$2,523	\$3,017	\$3,162	\$5,796	\$4,962	\$2,473	\$7,930
Production and Distribution	\$11,098	\$7,971	\$20,101	\$8,794	\$12,668	\$12,818	\$10,282	\$4,863	\$8,480	\$9,402
Grants, Awards, Special Projects	\$808	\$6,850	\$27,735	\$18,729	\$20,777	\$18,783	\$20,093	\$17,215	\$22,452	\$25,000

↖ FY 2013 – new student travel funding

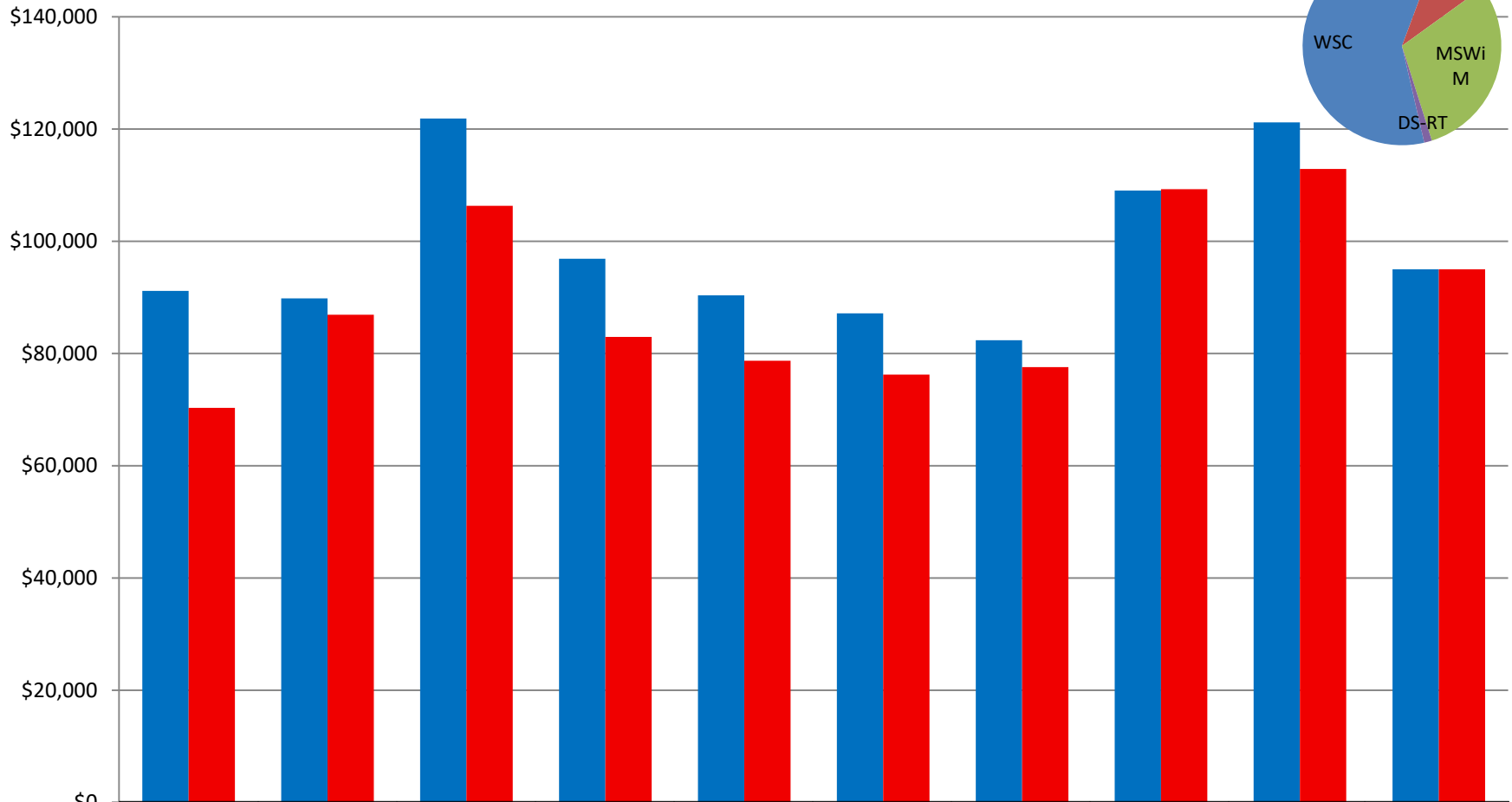
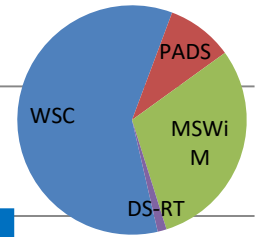
Conference Operations



	FY 2011 Conferences	FY 2012 Conferences	FY 2013 Conferences	FY 2014 Conferences	FY 2015 Conferences	FY 2016 Conferences	FY 2017 Conferences	FY 2018 Conferences	FY 2019 Conferences	FY 2020 Projection
■ Revenues	\$154,548	\$152,839	\$189,384	\$184,238	\$172,612	\$176,091	\$187,290	\$203,862	\$204,293	\$178,028
■ Direct Expenses	\$120,450	\$139,557	\$161,536	\$149,611	\$141,679	\$136,711	\$145,677	\$176,265	\$176,443	\$158,871

Winter Simulation Conference (December)

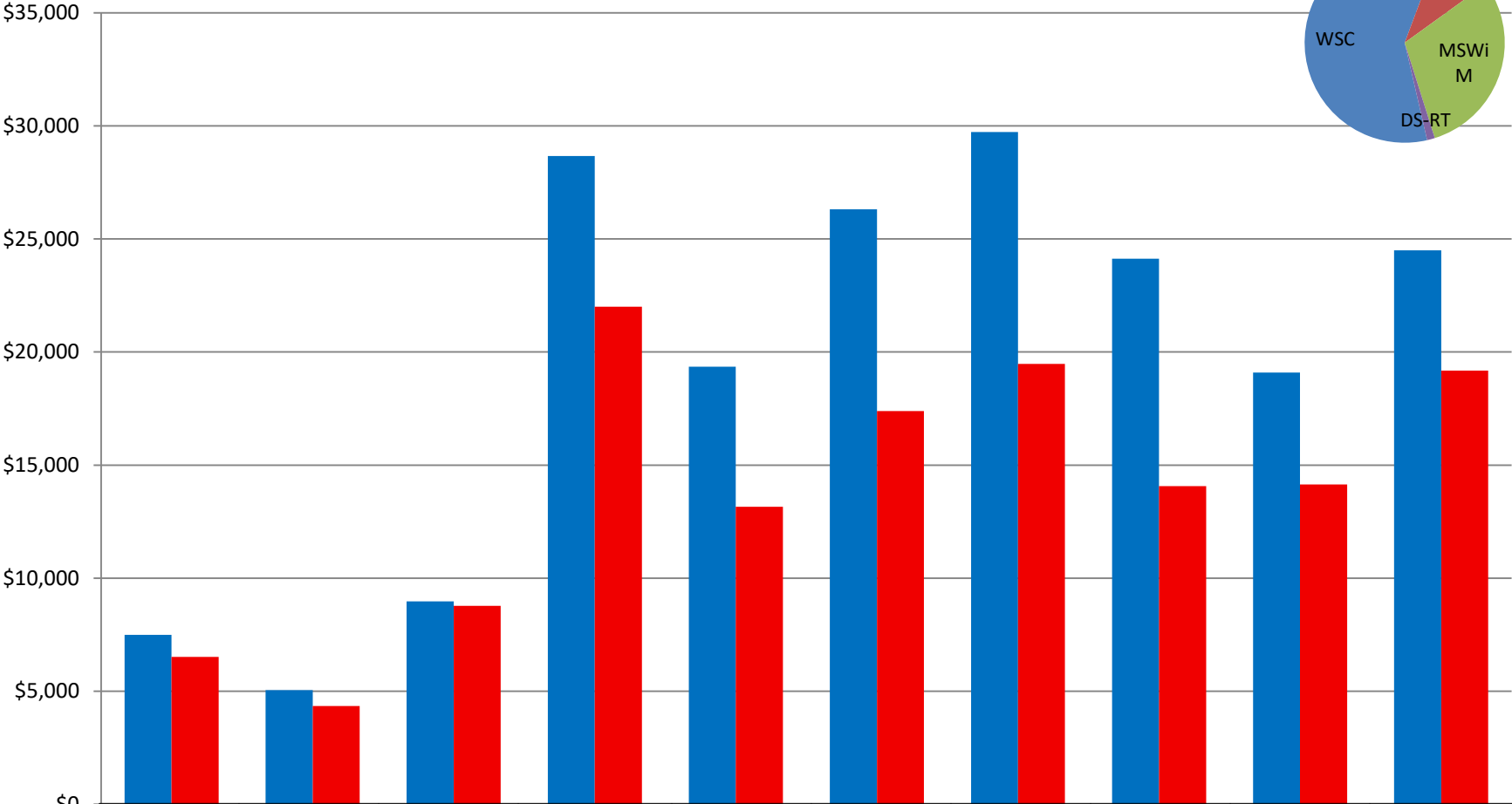
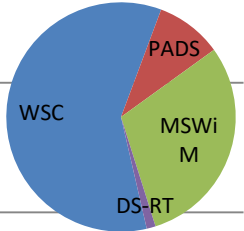
25% sponsor



	2010 Baltimore, MD	2011 Phoenix, AZ	2012 Berlin, Germany	2013 Washington, DC	2014 Savannah, GA	2015 Huntington Beach, CA	2016 Arlington, VA	2017 Las Vegas, NV	2018 Gothenburg, Sweden	2019 National Harbor, MD Budget
■ Revenues	\$91,146	\$89,789	\$121,845	\$96,864	\$90,363	\$87,148	\$82,346	\$109,036	\$121,155	\$95,009
■ Direct Expenses	\$70,287	\$86,916	\$106,311	\$82,925	\$78,691	\$76,232	\$77,580	\$109,261	\$112,895	\$94,975

PADS – Principles of Advanced Discrete Simulation (May)

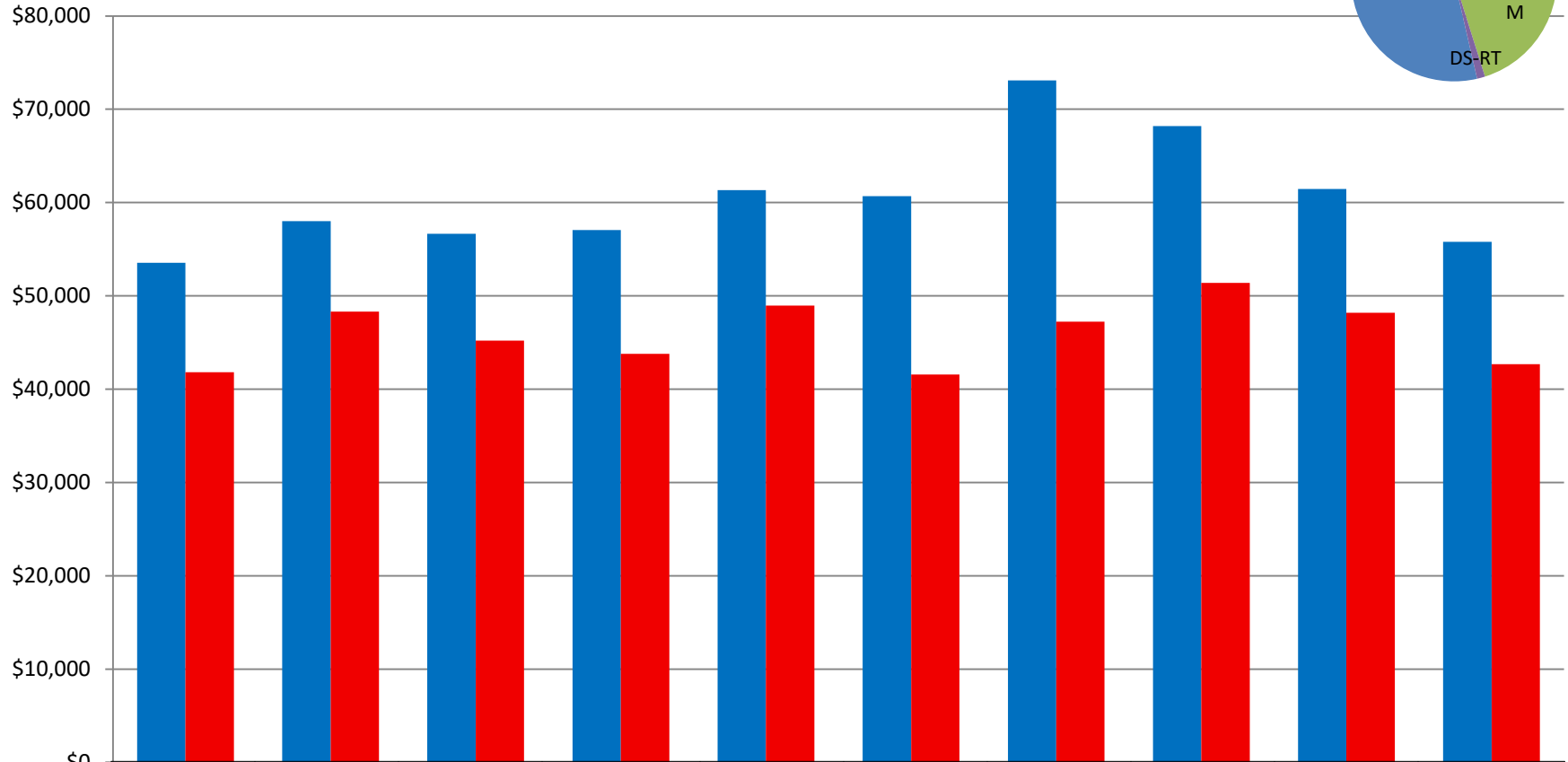
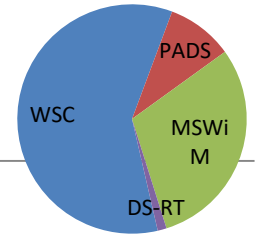
100% sponsor since 2013 (33% sponsor prior)



	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	2019 Chicago, IL
■ Revenues	\$7,494	\$5,055	\$8,974	\$28,662	\$19,350	\$26,305	\$29,720	\$24,130	\$19,097	\$24,490
■ Direct Expenses	\$6,518	\$4,345	\$8,783	\$22,000	\$13,152	\$17,384	\$19,475	\$14,067	\$14,141	\$19,182

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

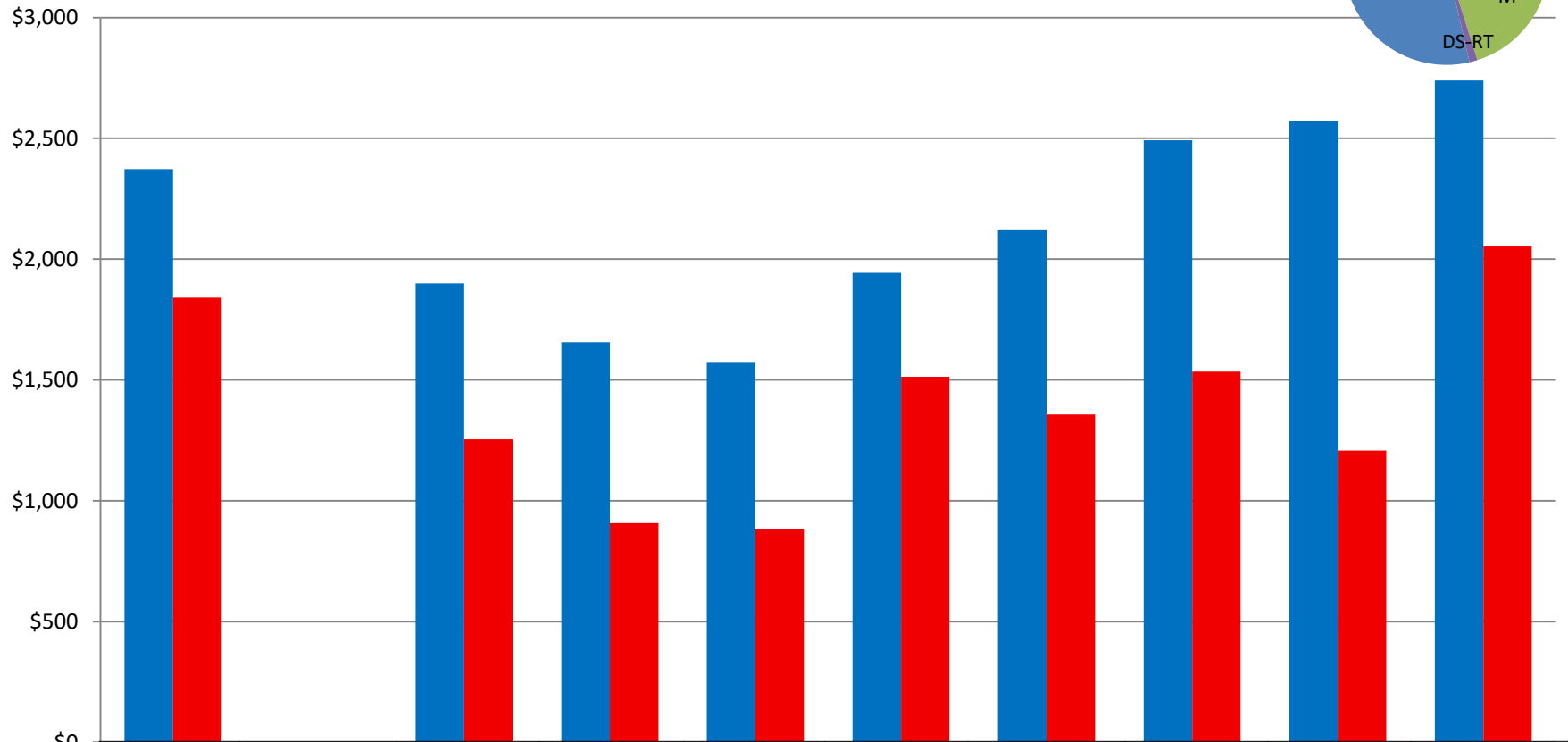
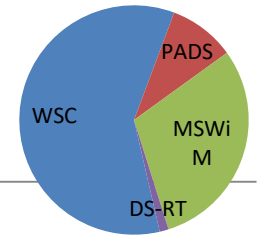
100% sponsor



	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	2019 Miami Beach, FL Budget
■ Revenues	\$53,535	\$57,995	\$56,665	\$57,055	\$61,325	\$60,695	\$73,104	\$68,205	\$61,470	\$55,790
■ Direct Expenses	\$41,804	\$48,296	\$45,188	\$43,778	\$48,952	\$41,582	\$47,244	\$51,403	\$48,199	\$42,663

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

10% sponsor



	2010 Fairfax, VA	2011 Salford, England	2012 Dublin, Ireland	2013 Delft, Netherlands	2014 Toulouse, France	2015 Chengdu, China	2016 London, England	2017 Rome, Italy	2018 Madrid, Spain	2019 Cosenza, Italy Budget
■ Revenues	\$2,373	(disconnect	\$1,900	\$1,656	\$1,574	\$1,943	\$2,120	\$2,492	\$2,571	\$2,739
■ Direct Expenses	\$1,841	w/ organizers)	\$1,254	\$908	\$884	\$1,513	\$1,357	\$1,534	\$1,208	\$2,052

General Discussion (2019)



- SIGSIM Election in 2020
 - Slate has been submitted; officers will take over this summer
- Other types of awards or recognition
 - Ex: service, education, social impact
- SIGSIM-PADS
 - 2021 - need a host city and organizer (time to go abroad again?)
 - 2022 - not too soon to start thinking about a location!
- SIGSIM turned 50 in 2019!
 - Started in April 1969
 - Celebration and gifts tonight and at SIGSIM-PADS