



INSTITUTE FOR OPERATIONS RESEARCH  
AND THE MANAGEMENT SCIENCES

## I-Sim Newsletter

### Officers

#### *President*

**Jie Xu**

Department of Systems Engineering  
and Operations Research  
George Mason University  
Fairfax, VA 22030  
[jxu13@gmu.edu](mailto:jxu13@gmu.edu)

#### *Vice President / President Elect*

**Enlu Zhou**

H. Milton Stewart School of Industrial  
and Systems Engineering  
Georgia Institute of Technology  
Atlanta, GA 30332  
[enlu.zhou@isye.gatech.edu](mailto:enlu.zhou@isye.gatech.edu)

#### *Secretary*

**Henry Lam**

Industrial Engineering and Operations  
Research  
Columbia University  
New York, NY 10027  
[henry.lam@columbia.edu](mailto:henry.lam@columbia.edu)

#### *Treasurer*

**Sara Shashaani**

Edward P. Fitts Department of Industrial  
and Systems Engineering  
North Carolina State University  
Raleigh, NC 27695-7906  
[sshasha2@ncsu.edu](mailto:sshasha2@ncsu.edu)

#### *Communications Editor*

**Wei Xie**

Mechanical and Industrial Engineering  
Northeastern University  
Boston, MA 02115  
[w.xie@northeastern.edu](mailto:w.xie@northeastern.edu)

#### *Associate Communications Editor*

**Yuan Zhou**

Department of Industrial, Manufacturing,  
& Systems Engineering  
University of Texas at Arlington  
Arlington, TX 76019  
[yuan.zhou@uta.edu](mailto:yuan.zhou@uta.edu)

### President's Message

*Jie Xu*

It is a great honor and privilege for me to step into the role as the President of INFORM Simulation Society (I-Sim) and continue serving our vibrant and collegial community. The past two years have been an extraordinary time for every one of us. Despite the disruptions caused by COVID pandemic, I-Sim community has shown great resiliency and achieved many successes thanks to the leadership of the departing President Jeff Hong and the collective efforts of all I-Sim officers, council members, committee members, and above all, every member of our community.

One notable success was the virtual 2021 I-Sim Research Workshop, which was originally planned as an in-person workshop in summer 2020. Kudos to the outstanding work of co-chairs Uday Shanbhag and Russell Barton, and organization committee members Saurabh Bansal, Güzin Bayraksan, Henry Lam, Eunhye Song, Farzad Yousefian, Enlu Zhou. Another example was how the Computer Simulation Archive project managed to add new oral histories with Don Iglehart, Pierre L'Ecuyer, and Ingolf Ståhl and collect remaining Jim Henriksen materials in the past year thanks to Peter Glynn, Dick Nance, Ernie Page, and the collective efforts of the advisory committee including Russel Barton (chair), Dennis Pegden, Simon Taylor, and Gwyneth

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The *INFORMS Simulation Society Newsletter* is published in the spring and fall each year by the INFORMS Simulation Society (I-Sim), <http://connect.informs.org/simulation/>. Membership in I-Sim is independent of INFORMS membership. To join, visit <https://www.informs.org/About-INFORMS/Member-Benefits/Join-INFORMS-and-or-INFORMS-Communities>, or contact the I-Sim Secretary. © 2022 The Institute for Operations Research and the Management Sciences. All rights reserved.

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Thayer.

I-Sim members continue to have high visibility within INFORMS. Sheldon Jacobson was the general chair for this year's INFORMS Annual Meeting (a massive success) and a candidate in a neck-to-neck race for INFORMS President. Theresa Roeder was a candidate for INFORMS VP for Sections/Societies. Congratulations to Enver Yücesan for his election as an INFORMS Fellow in recognition of his "outstanding service, education and research contributions to the international simulation community." Peter Frazier and Shane Henderson gave a keynote talk "Modeling for COVID-19 College Reopening Decisions: Cornell, A Case Study" at INFORMS 2022 Annual Meeting.

I want to take this opportunity to thank the departing I-Sim officers Jeff Hong, Ilya Ryzhov, Canan Gunes Corlu, council members Angel Juan, Dashi Singham, communications editor and associate editor Xiaowei Zhang, Giulia Pedrielli, WSC Board Representative Enver Yücesan, PhD colloquium committee member Weiwei Chen and Emily Lada, Underrepresented Minorities and Women committee member Eunhye Song, Computer Simulation Archive Advisory committee member Dick Nance, lifetime professional achievement award committee member Dave Goldsman, outstanding publication award committee member Pierre L'Ecuyer, distinguished award committee member Michael Fu, for their service. The new I-Sim officers and committee members are:

### Officers

President: Jie Xu

Vice-President/President-Elect: Enlu Zhou

Secretary: Henry Lam

Treasurer: Sara Shashaani

### Council

Chair: Jie Xu

Members: Jeff Hong, Enlu Zhou, Henry Lam, Sara Shashaani, Chun-Hung Chen, Giulia Pedrielli, Ba-

har Biller, David Eckman

**Communications/Newsletter/Website**

Editor: Wei Xie

Assoc. Editor: Yuan Zhou

**WSC Board Representatives**

Chair: Michael Kuhl

Member: Peter Haas

**I-Sim Representative to the INFORMS Subdivision Council**

Theresa Roeder

**Membership Committee**

Siyang Gao, TBA

**Computer Simulation Archive Advisory Committee**

Chair: Russell Barton

Members: Dennis Pegden, Simon Taylor, Gwyneth Thayer (NC State University Libraries Representative)

**Ph.D. Colloquium**

Chair: Anatoli Djanatliev

Members: Chang-Han Rhee, Cristina Ruiz Martin, Siyang Gao

**Nomination**

Chair: Jeff Hong

**Committee for Underrepresented Minorities and Women**

Chair: Chang-Han Rhee

Members: Lucy Morgan, Zeyu Zheng

**Outstanding Publication Award**

Chair: Enlu Zhou

Members: Jian-Qiang Hu, Jose Blanchet

**Distinguished Service Award**

Chair: Christos Alexopoulos

Members: Susan Sanchez, Theresa Roeder

**Lifetime Professional Achievement Award**

Chair: Pierre L'Ecuyer

Members: James R. Wilson, Peter W. Glynn

INFORMS Annual Meeting was held October 16-19, 2022 in Indianapolis, IN, USA. It was the first in-person annual meeting after the COVID disruption, which forced the 2020 annual meeting to be virtual and the 2021 meeting in hybrid mode with a small in-person attendance. This year's INFORMS Annual Meeting was a big success with attendance exceeding 6,000. The Simulation Society cluster had a strong showing with 16 sessions. The I-Sim business meeting on Sunday October 16 was well attended and the minutes of the meeting can be found in this newsletter.

I encourage all I-Sim members to attend the hybrid Winter Simulation Conference (WSC) to be held in Singapore from December 11-14, 2022 at Marina Bay Sands Expo and Convention Center. The theme of the conference is "Reimagine Tomorrow". Michael Fu and Leon McGinnis will give the titan talks on stochastic gradients and reimagining simulation in discrete-event logistics systems. Enver Yücesan will moderate a keynote panel with senior Singapore transport executives.

As many I-Sim colleagues may know, Loo Hay Lee was the original program chair for 2022 WSC. I was deeply saddened to learn the passing of Loo Hay before he could witness a successful 2022 WSC in Singapore, which is also the first time WSC comes to Asia. To recognize his efforts and contributions to WSC, I-Sim, and other communities, I co-organize a special memorial workshop with Chun-Hung Chen. The workshop will take place on Sunday December 11 at 3:30-5:30pm Singapore time before the WSC Opening Session. The workshop is hybrid and has no additional cost. When you register for WSC, you have the option to add this workshop to your registration free of charge. Regardless of your registration status, all I-Sim colleagues and friends of Loo Hay are invited to join the workshop to remember Loo Hay.

I-Sim business meeting at WSC 2022 will be held on Tuesday December 13 at 6-7:30pm Singapore time. The meeting will be hybrid. We look forward to celebrating the achievements of I-Sim colleagues with award ceremonies during the I-Sim business meeting. I encourage all I-Sim members to attend the business meeting either in person or online.

I look forward to working with I-Sim officers and committee members to support the society and serve every I-Sim member, and hope to see many of you in Singapore in December!

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## Editor's Corner

*Wei Xie*

I would like to thank the I-Sim Officers and Committees for providing timely updates on the I-Sim business matters. Enjoy the newsletter!

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## Secretary's Corner

*Henry Lam*

As of October 9, 2022, I-SIM have 566 members, of whom around 220 are students. At least 139 members have addresses outside the United States. The following shows

the comparisons of membership numbers with previous years:

- 2019(end of year): 1102 (703 students)
- 2020(November): 529 (195 students)
- 2021(October): 422 (97 students)
- 2022(October): 566 ( 220 students)

From these data, we see that 2022 has more members than 2021 and 2020, but significantly less members than the pre-COVID time during 2019. It seems most of the downfall from 2019 is on student membership. It would be helpful to encourage students to sign up as ISIM members. □

## Treasurer's Report

*Sara Shashaani*

Beginning Balance (1/1/2022)	\$113,860.07	
Total Revenue	\$1,887.04	
• Dues		\$1,887.04
• Other		\$0
• Interest		\$0
• WSC Sponsorship, surplus		\$0
Total Expenses	\$(2,882.04)	
• Local meeting expense		\$(1,595)
• Membership Expense		\$(162.04)
• Award Expense		\$(1,125)
Net Gain / Loss	\$(995)	
Ending Balance* (07/31/2022)	\$112,865.07	

\* The I-Sim account includes \$20,750 that belongs to the liability account shared by all four WSC sponsors (see Fall 2012 newsletter). □

## COMMITTEE REPORTS

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### Report on the Simulation Archive

*Computer Simulation Archive Advisory Committee: Russell Barton (chair), Ernie Page, Dennis Pegden, Simon Taylor*

The Computer Simulation Archive Advisory Committee (CSAAC) is an unusual but valuable instrument for acquiring materials and seeking financial support for the Computer Simulation Archive at the NC State University Libraries. It is an independent group, comprised of members of the simulation community. The original committee members were Bob Sargent, Dick Nance, and Jim Wilson. Our community owes a great debt to their efforts to create and support the Archive.

**Archive Web Site Visibility - Can You Help?** Visibility of the Archive Web site can be improved by promotion of the Archive site. Have you visited the site? <https://d.lib.ncsu.edu/computer-simulation/> Your links to the site affect the Archive Web page ranking by Google and other search engines. You might say something like "If you are interested in simulation and its development over time, then visit the Computer Simulation Archive. The Archive has both physical and digitized resources, including a large set of online video interviews with founders and trailblazers of the field."

**CSAAC and Archive Activities.** CSAAC welcomes new member Ernie Page to the Committee. Dr. Page has held many leadership roles at MITRE and is currently the SIMEX Program Manager. The MITRE SIMEX system uses advanced simulations and for defense scenario exploration and management. Ernie has been involved in the Winter Simulation Conference since 1990 and has served in a number of WSC roles, including 11 years on the Board of Directors and serving as General Chair for the 2017 conference. Ernie has held positions of Secretary/Treasurer, Vice-Chair and Chair of ACM SIGSIM and currently serves on the SIGSIM Advisory Board. He received the SIGSIM Distinguished Contributions Award in 2020 and the SIGSIM Service Award in 1997 and 2003.

In the past year, CSAAC has assisted the Archive in the completion of three additional oral history videos: Don Iglehart, interviewed by Peter Glynn; and Pierre L'Ecuyer and Ingolf Stähl, both interviewed by Russell Barton. The videos and associated biographies being prepared for addition to the Archive Web site. A detailed Archive report including financials, Web visits and activities was sent to both I-Sim and ACM SIGSIM leadership in August.

The ACM SIGSIM has strengthened their engagement with the Archive and CSAAC. We received an extensive communication with suggestions for Archive operations, including access, publicity, visibility, dissemination mechanisms, content coverage, medium, cross-linkage and impact metrics. In addition to the two current CSAAC members who are also ACM SIGSIM members with leadership experience (Page and Taylor), the current SIGSIM leadership has established two Computer Simulation

Archive Liaisons to be appointed each year. The liaisons will communicate interests and suggestions for the Archive through the CSAAC. In addition, ACM SIGSIM has made a commitment for \$10,000 support to the archive each year for the next three years.

**Plans for the Coming Year.** We will continue to identify early simulation leaders and important simulation artifacts. If you have suggestions for the Archive, you can relay them through a CSAAC member. We continue to seek ways to improve visibility of the Archive, to increase traffic to the site and to the physical materials. Because many materials are physical rather than digital, on-site use of the Archive has immediate benefit. There is a plan to seek one or more undergraduate student projects making use of the Archive each year. In addition to the restart of digitization of Archive materials, we are exploring the preservation of software and model artifacts through emulation of obsolete computing systems. If you know of historical models and/or software, please contact a member of CSAAC.

**Endowment.** Market values are reported annually as of December 31. Since 2010, the Simulation Archive Endowment has grown from a market value of \$32,391 to \$224,207 as of December 31, 2021: \$187,676 for the Simulation Endowment and \$36,531 for the Bob Sargent endowment. These funds support acquisition, cataloging, transcription, and digitization activities. (The Sargent endowment was established prior to the Simulation Endowment for the purpose of supporting the Sargent Collection and then the Simulation Archive.) To find out more about donating - either materials or financial support, visit <https://d.lib.ncsu.edu/computer-simulation/giving/>.

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## Report on the Distinguished Service Award

*Distinguished Service Award Committee: Christos Alexopoulos (chair), Susan Sanchez, Theresa Roeder*

The 2022 committee for I-Sim's Distinguished Service Award has selected the recipient, who will be announced at the Winter Simulation Conference. □

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## Report on the Lifetime Professional Achievement Award

*Lifetime Professional Achievement Award Committee: Pierre L'Ecuyer (chair), James R. Wilson, Peter W. Glynn*

The 2022 committee for I-Sim's Lifetime Professional Achievement Award has selected the recipient, who will be announced at the Winter Simulation Conference. □

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## Report on the Outstanding Publication Award

*Outstanding Publication Award Committee: Enlu Zhou (chair), Jian-Qiang Hu, Jose Blanchet*

The 2022 committee for I-Sim's Outstanding Publication Award has selected the recipient, who will be announced at the Winter Simulation Conference. □



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## EDITORS' REPORTS

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### **Report on ACM TOMACS**

*Francesco Quaglia, ACM TOMACS Editor*

The ACM Transactions on Modeling and Computer Simulation journal (TOMACS) is a reference in the area of methods and techniques for modeling and simulation. The articles published last year have an ample coverage of topics spanning from theory to applications. The volume of submissions is large, this is an indication of the clear interest of authors in the topics covered by the journal. A big thank goes to the Associate Editors for their work and timeliness in the management of submissions. A special thank goes to the production staff for the big work they carry out and for the punctuality of all their activities.

During the last year (since December 1 2021) TOMACS had 93 new submissions, 20 of which targeting the ISIM 2021, PADS 2021 and QEST 2021 special issues. It also had 32 submissions of revised articles, and 11 acceptances. The four volumes published in 2022 (the latest one being still in progress) provide to the readers a total of 24 articles.

ACM TOMACS attracts authors who target the reproducibility of their artifacts, which helps positioning TOMACS articles in the role of solid references for the community.

TOMACS has stable values of bibliometric indexes that are used to assess the quality level. In my view this is a strength, in particular considering the focus of TOMACS on core methods/algorithms for the modeling and simulation area.

You can check for detailed information on ACM TOMACS at <https://dl.acm.org/journal/tomacs>. The link for submitting an article is <https://mc.manuscriptcentral.com/tomacs>. □

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### **Report on IISE Transactions**

*Jiaqiao Hu, Stochastic Models and Simulation Department Co-Editor*

From August 1st 2021 to November 1st 2022, the simulation area of the Stochastic Models and Simulation Department received 10 papers, including 9 new submissions and 1 resubmission. During this period, 2 papers were accepted, 6 papers were rejected, and 2 are currently awaiting the first round of editorial feedback. The turnaround time averaged over the papers with decisions were 57 days. The Associate Editors in the Simulation Department are Guzin Bayraksan, Ilya Ryzhov, and Jie Xu. I would like to sincerely thank all of them for their time and effort spent in serving the journal.

The departments of Stochastic Modeling and Simulation seeks to publish high-quality research papers that advance the theory and practice in the modeling, analysis, control, and optimization of stochastic systems. The simulation area of the department is interested in research contributions pertaining to all aspects of stochastic simulation. We welcome papers with strong methodological elements, e.g., developing new

simulation methods and tools for general problem classes that have applications in many areas. We also welcome well-executed papers that study important applications arising in, for example, engineering design, manufacturing, communications, and finance, where new or existing simulation techniques are developed or creatively applied. In addition to the conventional topics in stochastic simulation, of particular interest are contributions that address the integration of simulation techniques with other emerging technologies and applications such as high-performance computing, data analytics, artificial intelligence, healthcare, and energy systems.

Please submit your research work via IISE Transactions' manuscript central:  
<https://mc.manuscriptcentral.com/iietransactions>

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## **Report on *INFORMS Journal on Computing***

*Bruno Tuffin, Simulation Area Editor*

The IJOC Simulation Area covers all computational aspects of stochastic simulation. We seek high-quality research on the computational aspects of simulation model building, simulation data structures, simulation modeling and experiment environments, stochastic input modeling, random-variate generation, output analysis, simulation-based optimization, variance-reduction methods for simulation experiments, and other aspects of simulation modeling, experimentation, and analysis.

Submissions to the Simulation Area should not merely use simulation as a tool for generating experiments to test another methodology (these manuscripts should instead be submitted to the IJOC area for which the methodology applies), nor should they only present experimental results from a simulation program. Rather, manuscripts submitted to the area must make a significant contribution to the field of stochastic simulation, as described in the previous paragraph. Complete instructions for preparing manuscripts are available at <http://joc.pubs.informs.org>. Submissions must be done electronically through Manuscript Central: <http://mc.manuscriptcentral.com/ijoc>.

In the one-year period from October 1, 2021 to September 30, 2022, the Simulation Area of the *INFORMS Journal on Computing* (IJOC) received 12 new submissions. During this period, 6 papers were accepted and 15 rejected. The average number of days from submission to final decision is 61.6 days.

I'd like to thank the associate editors (Seong-Hee Kim, Henry Lam, Ilya Ryzhov, Eunhye Song, Yongjia Song, Wei Xie) for their truly outstanding work, and for making my job much more manageable. A particular thank to Chang-Han Rhee who stepped down after three years of dedicated service, and to Eunhye Song and Wei Xie for joining the team.

□

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## **Report on the *Journal of Simulation***

*Christine Currie, John Fowler, Navonil Mustafee, and Claudia Szabo, Editors*

We are delighted to announce the appointment of Dr Claudia Szabo as a Joint

Editor-in-Chief for the Journal of Simulation (JOS). Claudia is a Reader in the School of Computer Science at the University of Adelaide. Among Claudia's numerous contributions to the Modelling & Simulation community, she is known for her work as the Program Chair for the 2021 Winter Simulation Conference, the first hybrid WSC conference in its 50+ years of history! Claudia is an Associate Editor for ACM Transaction of Modelling and Computer Simulation and has also served as an Associate Editor for JOS.

The Joint Editors are pleased to report that JOS has experienced a steady rise in the impact factor and other citation-related metrics. For example, the impact factor increased from 2.205 in 2020 to 2.543 in 2021 (full year). The increase in metrics has positively affected submission numbers. However, this has also meant that our pipeline of accepted papers has continued to increase over the years. To reduce the backlog, our publishers, Taylor & Francis, accepted our proposal of increasing the number of issues from four to six! We thank T&F for this. So, from this year on, we have a total of 648 budgeted pages!

At this point, we would like to remind the readers, especially those who are new to I-Sim, of the scope of the journal. JOS publishes theoretical and methodological papers that span the breadth of the simulation process, including both modelling and analysis methodologies, as well as practical papers from a wide range of simulation applications. Application-focused papers tend to be original research on methodological and technological advances that represent significant progress toward the application of simulation modelling (often includes a case study). We also welcome literature reviews and topics that are not mainstream but are considered evocative to the simulation community.

The average number of days from submission to the first decision and from submission to the first post-review decision is 21 days and 89 days, respectively. T&F has streamlined processes which enable us to provide online access to papers very quickly. The average is 21 days from acceptance to online publication! Our acceptance rate is approximately 10%.

JOS is supported by an international Editorial Board of Associate Editors. We are constantly looking for new AEs, especially in Agent-based Simulation, System Dynamics and Hybrid M&S. Diversity of the Editorial Board is a key focus! The Editors welcome informal queries on contributing to JOS as a reviewer and other roles.

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## **Report on Operations Research**

*L. Jeff Hong, Operations Research Simulation Area Editor*

Activity Period: October 18, 2021 to September 26, 2022

19 new submissions, 23 resubmissions; 47 editorial decisions, including 17 rejections, 12 major revision, 9 minor revision and 9 acceptances.

Of the 47 editorial decisions made in this period, 19 were on time (less than 3 months from the date of submission), 19 were late (between 4 and 6 months) and 9 were very late (6 months or more).

I would like to thank the Associate Editor team, Guzin Bayrakson, Bernd Heidergott, Jiaqiao Hu, Susan Hunter, Seong-Hee Kim, Henry Lam, Guangwu Liu, Ilya Ryzhov, and Enlu Zhou, for their wonderful service to the journal. Russell Barton stepped down from the team at the end of 2021. But during past six months, he still handled 5 resubmissions. Thanks, Russell!

Please submit your best papers to OR! (<http://mc.manuscriptcentral.com/opre>).

□

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## **Report on *Stochastic Systems***

*Shane G. Henderson, Editor-in-Chief*

*Stochastic Systems* is the flagship journal of the INFORMS Applied Probability Society. This open access journal seeks to publish high-quality papers that substantively contribute to the modeling, analysis, and control of stochastic systems. There are no submission fees or page charges. A paper's contribution may lie in the formulation of new mathematical models, in the development of new mathematical or computational methods, in the innovative application of existing methods, or in the opening of new application domains. The journal homepage is <http://pubsonline.informs.org/journal/stsy>.

We aim to return reports to authors within 3 months of submission. The average time from submission to decision is 89 days, and 90% of papers have decisions within 163 days of submission. (We are grateful for your help in keeping the tails of review times short!) Please submit papers at <http://mc.manuscriptcentral.com/ssy/>. I will step down as Editor-in-Chief on December 31, 2022. A new Editor is yet to be decided as of the time of this update.

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## CONFERENCE ANNOUNCEMENTS

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### 2022 Winter Simulation Conference

December 11–14, Marina Bay Sands, Singapore

(source:<https://meetings.informs.org/wordpress/wsc2022/>)



“After more than 50 years since its inception, the Winter Simulation Conference will be held in Asia for the very first time in 2022! Join us virtually, or on-site at Marina Bay Sands, the iconic landmark of Singapore, in one of the most dynamic and cosmopolitan cities in Asia from December 11-14, 2022!

The theme of 2022 WSC is derived from Singapore’s Smart Nation initiative “Singapore Reimagined.” The COVID-19 pandemic brought us a “new normal” and technological advances in the fields of robotics, artificial intelligence (AI), biotechnology, Internet of Things, quantum computing and virtual reality (VR) are changing the way humans live, work, play and communicate. Building on the “Smart Cities” focus of last year’s conference, 2022 WSC will “Reimagine Tomorrow” to evaluate not just living in an urban future where cities are safe, green and environmentally-secure with seamless power, water and transportation networks, but also working in an environment where both sustainable high-tech manufacturing and novel services play an essential role.

Well-known for its efficiency in logistics services and in the midst of developing the world’s largest next generation container port, we will look at Singapore’s future logistics and port systems integration and how simulation provides a good way to help the country plan its next move.

In addition, with more than a dozen wafer fabrication facilities in operation or under construction in Asia’s “Silicon Island,” the Modeling and Analysis of Semiconductor Manufacturing (MASM) subconference will be given particular attention at 2022 WSC.

“Reimagine Tomorrow” relies on significant advancement from many fields such as modeling, experimentation and data analysis coming together to tackle various challenges. We invite scientific papers and case studies that highlight innovations in both theory and applications, with a specific focus on the use of not just simulation but also related technologies such as AI and VR.

A number of exciting changes will be implemented to make 2022 WSC even more attractive. Case studies will be integrated into the full paper tracks to enhance cross-fertilization between academia and industry, further supported by a Case Study Competition. The program roster will also be significantly enhanced to enable a productive hybrid format that accommodates the needs of virtual attendees from time zones across the entire globe.” □

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## 2023 INFORMS Business Analytics Conference

April 16–18, 2023, Aurora, CO, USA

(source: <https://meetings.informs.org/wordpress/analytics2023/>)



"Join over 600 leading analytics professionals and industry experts in discovering new mathematical solutions to problems, networking strategies for advancing your career, and recognizing individual and team efforts within your field with most prestigious awards in analytics and operations research.

Attendees will experience a full conference schedule featuring more than 150 presentations and panels by leading analytics professionals from around the world, as well as the opportunity to enjoy all that the incredible city of Aurora has to offer.

We hope to see you in Aurora in 2023! "

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## IISE Annual Conference & Expo 2023

May 20–23, 2023, New Orleans, LA, USA

(source: <https://www.iise.org/Annual/>)



"The Institute of Industrial and Systems Engineers (IISE) is excited to invite you to join an educational feast fit for the profession's finest. At the IISE Annual Conference & Expo, you're joining leaders in the field, up-and-comers and students to network, gather new ideas and learn about innovative tools and techniques. Prepare to make connections that will aid your career and build friendships that last a lifetime."

Abstract Submission Deadline - Dec. 2, 2022; Notification of Decision on Abstract - Dec. 30, 2022; Registration Deadline - Feb. 10, 2023; Paper Submission Deadline - Feb. 10, 2023. For more information, please see the conference website.

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## NeurIPS 2022 Thirty-sixth Conference on Neural Information Processing Systems

November 28–December 9, 2022, New Orleans, LA, USA

(source: <https://nips.cc/>)



"NeurIPS 2022 will be a Hybrid Conference with a physical component at the New Orleans Convention Center during the first week, and a virtual component the second week. The conference was founded in 1987 and is now a multi-track interdisciplinary annual meeting that includes invited talks, demonstrations, symposia, and oral and poster presentations of refereed papers. Along with the conference is a professional exposition focusing on machine learning in practice, a series of tutorials, and topical workshops that provide a less formal setting for the exchange of ideas."

□

## UK Simulation Workshop

March 27–29, 2023, National Oceanographic Centre, Southampton, UK

(source: <https://www.theorsociety.com/events/simulation-workshop/>)



“The OR Society’s Simulation Workshop brings together our community of experts working in the field of modelling and simulation. Hosted at the National Oceanography Centre in Southampton, SW23 will provide an opportunity for practitioners and academics to exchange ideas on the current and future state-of-the-art in modelling and simulation.

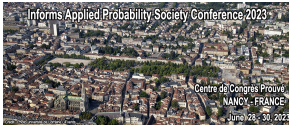
You can look forward to a rich programme of a keynote presentation, panel discussions, parallel streams and tutorials. Breaks between sessions and the conference dinner provide an excellent opportunity for networking. There will be an exhibition area which will feature poster displays and some of the latest developments in simulation software tools.” □

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## 21st INFORMS Applied Probability Society Meeting

June 28–30, 2023, Nancy, France

(source: <https://informs-aps2023.event.univ-lorraine.fr/>)



“INFORMS Applied Probability Society Conference will feature research interest in random matrices, random graphs, stochastic networks, combinatorial optimization and stochastic geometry, design and performance of service systems, and the design and analysis of algorithms, and

study of large networks such as online social networks and the World Wide Web, randomized algorithms, and random graphs.” □

## CALL FOR THE I-SIM RESEARCH WORKSHOP

Dear INFORMS Simulation (I-Sim) members,

After a successful virtual I-Sim Research Workshop in 2021, we would like to continue the tradition and hold the next I-Sim workshop. Considering the hovering uncertainties related to COVID-19, especially for international travels, I-Sim is calling for proposals to host the research workshop in Summer 2023 or Summer 2024 using an in-person or hybrid format, which will need to be clearly stated in the proposal by potential organizers.

If you are interested in organizing the next I-Sim Research Workshop, please send an email to [jxu13@gmu.edu](mailto:jxu13@gmu.edu) to indicate your intent to submit a proposal. I-Sim will evaluate proposals as they come in, but for best consideration of the proposal, please submit the proposal by December 31, 2022. The proposal should be at most two pages, and briefly describe the following items:

- (1) Proposed organizers (chair and co-chairs).
- (2) Research theme and high-level description of technical program structure (e.g., rough composition of plenary speakers, posters, invited / contributed papers, etc.)
- (3) Proposed venue.
- (4) Potential sources of local administrative and financial support.
- (5) A short list of local academic departments and industrial groups who are active in the proposed research / application areas.
- (6) Any other factors that would help ensure the success of the workshop.
- (7) Suggested dates (in summer 2023 or 2024, may be approximate). With respect to dates, the goal is to avoid, as much as possible, conflicts with other INFORMS-sponsored conferences and with other major conferences in the areas of simulation and applied probability. The workshop may be scheduled in 2023 or 2024.
- (8) Proposed format. Unless there will be new COVID related major disruptions, the workshop is expected to be in-person or hybrid. The proposal should clearly state whether the format will be in-person only or hybrid.
- (9) A COVID-19 contingency plan.

You can find details of past workshops from the following link:

<http://connect.informs.org/simulation/conferences/workshops>

Please feel free to contact me if you have any questions.

Best regards,

Jie Xu

I-Sim President

George Mason University

Fairfax VA

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## I-SIM BUSINESS MEETING MINUTES

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### **INFORMS Simulation Society Business Meeting: 2022 INFORMS Annual Meeting, Indianapolis, IN, October 16, 2022**

*Henry Lam*

At 6:34 PM EST, Sheldon Jacobson, INFORMS 2022 General Chair, gave a welcoming announcement. This announcement was moved to the beginning of this meeting because of an INFORMS reception that Sheldon needed to attend to.

At 6:36 PM EST, Chang-Han Rhee, the WSC Diversity Award Committee Chair, announced that the WSC Diversity Award application deadline is extended to Nov 16.

At 6:37 PM EST, Jie Xu, the ISIM President, called for proposal for the next ISIM research workshop. He mentioned that ISIM had a successful online workshop in 2021 despite the COVID pandemic. However, so far ISIM had not yet received proposals for the next workshop. For members who are interested in organizing this workshop, Jie asked to put in the following details: The suggested workshop dates in Summer 2023 or 2024; the mode of the workshop, which could be in-person or hybrid, the latter intended to be inclusive of our international colleagues; research theme and descriptions of technical programs; venue; potential sources of local administrative and financial support; and COVID contingency plan. The proposer should send the proposal to [jxu13@gmu.edu](mailto:jxu13@gmu.edu) by 12/31/2022. Jie also encouraged renewal and membership sign-up for ISIM. Moreover, he mentioned he had heard from colleagues that they didn't receive emails from the ISIM mailing list.

At 6:41 PM EST, Chun-Hung Chen announced a special workshop to be held at WSC 2022 in memorial of Lee Loo Hay and to recognize his contributions. The workshop would be held in the afternoon of Sunday 12/11/2022, for two hours at 3:30-5:30 PM EST SGT, right before the WSC opening session and general reception. The format would be hybrid. For those who can attend and speak, Chun-Hung asked to contact him at [cchen9@gmu.edu](mailto:cchen9@gmu.edu).

At 6:44 PM EST, Jie asked for approval of the last business meeting's minutes at WSC 2021. To go green, printouts of meeting minutes were not provided. Instead, Jie provided instructions to access the minute via the ISIM website: Upon locating the ISIM website using google search, click and expand "Simulation Resources", then click "Newsletter", then click "Spring 2022" to open the pdf file of the newsletter. Last meeting's minutes is on P.24-27. Jie also suggested this was a good opportunity to visit our society's website for those who had not done so yet, and reminded to select simulation society membership when renewing or signing up INFORMS membership.

At 6:51 PM EST, Jie announced updated officers, including President Jie Xu, Vice-President Enlu Zhou, Secretary Henry Lam, Treasurer Sara Shashaani, and Council Members Raghu Pasupathy, Jeff Hong, Enlu Zhou, Henry Lam, Sara Shashaani, Chun-Hung Chen, Giulia Pedrielli, Bahar Biller and David Eckman, and Communications/Newsletter/Website Editor Wei Xie and Associate Editor Yuan Zhou. Jie thanked all the officers for their services.

At 6:53 PM EST, Jie announced the upcoming related conferences on behalf of Enlu Zhou, including Winter Simulation Conference on Dec 11-14, 2022 in Singapore, INFORMS Business Analytics Conference on April 16-18, 2023 in Aurora, CO, IISE Conference on May 20-23, 2023 in New Orleans, LA, NeurIPS 2022 on Nov 28-Dec 9, 2022 also in New Orleans, LA, the OR Society's Simulation Workshop on March 27-29, 2023 in National Oceanography Centre, Southampton, and the 21th INFORMS Applied Probability Society Conference on June 28-30, 2023 in Nancy, France.

At 6:57 PM EST, Sara Shashaani, the ISIM Treasurer, presented the financial report. This included the 1-year-ago balance (7/31/2022) \$106,186.87, start-of-year balance (1/1/2022) \$113,860.07, total revenue \$1,887.04 and total expense \$2,882.04, a net gain/loss of \$(995.00) and ending balance (7/31/2022) \$112,865.07.

At 6:58 PM EST, Russell Barton, the Computer Simulation Archive Advisory Committee Chair, updated on the Computer Simulation Archive. Accomplishments in 2021-2022 included interviews with pioneers of simulation such as Don Iglehart, Pierre L'Ecuyer and Ingolf Stahl. Also ACM SIGSIM pledged \$10,000 each year for 3 years. Russell will be rotating his role at the end of this year.

At 7:00 PM EST, Jie Xu presented the editor report for INFORMS Journal on Computing, Simulation area, on behalf of Bruno Tuffin, Journal of Simulation on behalf of Christine Currie, John Fowler, Navonil Mustafee and Claudia Szabo, IISE Transactions, Stochastic Models & Simulation area, on behalf of Jiaqiao Hu, and Operations Research, Simulation area, on behalf of Jeff Hong.

At 7:06 PM EST, Shane Henderson, Editor-in-Chief of Stochastic Systems, presented the editor report. Shane noted an uptick in downloads this year. He also noted some cool reviews were underway, including one on how call center really works. He thanked the editorial board for their service. Finally, he announced that he would step down his role at the beginning of 2023.

At 7:07 PM EST, Jie asked if there was any new business, and none was raised.

At 7:08 PM EST, Jie announced that the meeting was adjourned.

**Attendees:** To deter email harvesting, @ has been replaced with <of>.

Henry Lam - Columbia University - khl2114<of>columbia.edu

Canan Corlu - Boston University - canan<of>bu.edu

Sara Shashaani - NC State - sshasha2<of>ncsu.edu

Zhenyuan Liu - Columbia University - zl2817<of>columbia.edu

Mingbin Feng - University of Waterloo - ben.feng<of>uwaterloo.ca

Zitong Wang - Columbia University - zw2690<of>columbia.edu

Young-Jun Son - Purdue University - yjson<of>purdue.edu

Matthew Ford - Cornell University - mtf62<of>cornell.edu

David Eckman - Texas A&M University - eckman<of>tamu.edu

Yuwei Zhou - University of Chicago - yuwei.zhou<of>chicagobooth.edu

Ek Peng Chew - National University of Singapore - isecep<of>nus.edu.sg

Russell Barton - Penn State University - rbarton<of>psu.edu

Giulia Pedrielli - Arizona State University - gpedriel<of>asu.edu

Susan Hunter - Purdue University - susanhunter<of>purdue.edu

Rachel Osborne - Boeing - rachel.osborne<of>boeing.com

Burla E. Ondes - Purdue University - bondes<of>purdue.edu  
 Xintong Li - University of Waterloo - xintong.li1<of>uwaterloo.ca  
 Eric Applegate - Allison Transmission - eric.applegate<of>allisontransmission.com  
 Ye Chen - Virginia Commonwealth University - ychen24<of>vcu.edu  
 Ilya Ryzhov - University of Maryland - iryzhov<of>umd.edu  
 Raghu Pasupathy - Purdue University - pasupath<of>purdue.edu  
 Xingyu Wang - Northwestern University - xingyuwang2017<of>u.northwestern.edu  
 Harun Avci - Northwestern University - harunavci2024<of>u.northwestern.edu  
 Soumyadip Ghosh - IBM - ghoshs<of>us.ibm.com  
 Sina Zare - Loyola Marymount University - sina.zare<of>lmu.edu  
 Karthyek Murthy - Singapore University of Technology and Design  
 - karthyek\_murthy<of>sutd.edu.sg  
 Nian Si - Stanford University - niansi<of>stanford.edu  
 Chang-Han Rhee - Northwestern University - chnag-han.rhee<of>northwestern.edu  
 Enver Yucesan - INSEAD - enver.yucesan<of>insead.edu  
 Taeho Kim - Georgia Institute of Technology - tkim658<of>gatech.edu  
 Eunhye Song - Georgia Institute of Technology - eunhye.song<of>isye.gatech.edu  
 Jinming Wan - Binghamton University - jwan8<of>binghamton.edu  
 Changqing Cheng - Binghamton University - ccheng<of>binghamton.edu  
 Abhijit Gosavi - Missouri S&T - gosavia<of>mst.edu  
 Seunghan Lee - Mississippi State University - slee<of>ise.msstate.edu  
 Shane Henderson - Cornell University - sgh9<of>cornell.edu  
 Peter Frazier - Cornell University - pf98<of>cornell.edu  
 Theodore T. Allen - Ohio State University - allen.515<of>osu.edu  
 Tengmu Hu - Ohio State University - hu.713<of>osu.edu  
 John McCarty - Ohio State University - mccarty.52<of>osu.edu  
 Adrian Ramirez-Nafarrate - Tecnológico de Monterrey - adrian.ramirez<of>tec.mx  
 Guido Lagos - Universidad Adolfo Ibáñez - guido.lagos<of>uni.cl  
 Chun-Hung Chen - George Mason University - cchen9<of>gmu.edu  
 Yasaman Ghasemi - Loyola Marymount University - yasaman.ghasemi<of>lmu.edu  
 Yuan Zhou - University of Texas at Arlington - yuan.zhou<of>uta.edu  
 Barry L. Nelson - Northwestern University - nelsonb<of>northwestern.edu  
 Jose Blanchet - Stanford University - jose.blanchet<of>stanford.edu  
 Zeyu Zheng - UC Berkeley - zyzheng<of>berkeley.edu  
 Michael Morelli - University Of Cincinnati - morellm<of>ucmail.uc.edu

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## UPCOMING EVENTS

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### Event Calendar

*Wei Xie*

2022 Winter Simulation Conference  
 December 11–14, Marina Bay Sands Singapore;

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<https://meetings.informs.org/wordpress/wsc2022/>

2023 INFORMS Business Analytics Conference, Aurora, CO, USA

April 16–18, 2023

<https://meetings.informs.org/wordpress/analytics2023/>

IISE Annual Conference & Expo 2023, New Orleans, USA

May 20–23, 2023

<https://www.iise.org/annual/>



*5521 Research Park Drive  
Suite 200  
Catonsville, MD 21228*