Greetings!

Several events took place during this spring and summer.

The 2015 INFORMS Simulation Research Workshop was held at Purdue University, West Lafayette, IN in July 25-27, with Kyle Cooper, Susan Hunter, Raghu Pasupathy, Vinayak Rao and Hong Wan acting as Program Committee. The theme of the workshop was “At the Interface of Simulation and Optimization” and the workshop brought together a small group of researchers from various fields including stochastic programming, approximate dynamic programming, simulation optimization, and machine learning. The workshop featured three plenary talks and a single track of 30-minute invited talks followed by ample time for discussions. Personally, I learned a lot about important questions that lie between simulation and optimization and contemporaneous advances on those questions, and enjoyed discussions among people from various fields.

This past spring and summer saw the election of two new I-Sim Council members. Soumdayip Ghosh and Hong Wan were elected and have begun their terms of service. I would like to thank Sheldon Jacobson and Loo Hay Lee, who have now completed their terms of service as Council members.

The INFORMS Annual Meeting in Philadelphia, PA was held Nov. 1–Nov. 4. I-Sim continued its tradition of having a strong presence at the INFORMS conference by sponsoring a high-quality track of 12 sessions with 47 presentations and reaching out to new members.

I also remind all I-Sim members about the 2015 Winter Simulation Conference to be held in December 6-9 in Huntington Beach, CA. The theme of the conference this year is “Social and Behavioral Simulation” with a keynote address on “Agent_Zero and Generative Social Science” which will be delivered by Dr. Joshua Epstein. He is Professor of Emergency Medicine at Johns Hopkins University (JHU), director of JHU’s Center for Advanced Modeling and co-director of its Systems Institute. It will be an excellent venue for our community to continue its effort in promoting and advancing simulation modeling, analysis, and applications. I-Sim is again one of the cosponsors of the PhD Colloquium.
President’s Message, Continued
Seong-Hee Kim

This newsletter contains minutes from our last business meeting, which was held at INFORMS on Sunday, November 1, in Philadelphia Convention Center between 6:15pm - 7:15pm. Our next business meeting is scheduled to take place at the Winter Simulation Conference on Tuesday, December 8 between 6:15pm - 8:00 pm. It is also during this conference that the annual award winners will be announced. Please join us at the business meeting at the Winter Simulation Conference to congratulate our colleagues who will be receiving special recognition from our community.

I am looking forward to seeing you at WSC!

Please pass along this newsletter to friends and colleagues, or let them know about the INFORMS Simulation Society website. You’ll get more than just a newsletter. The URL is http://www.informs.org/Community/Simulation-Society

This website is designed to be a general source of information and links for the simulation community, with a particular focus on society interests and activities. There are often additional special items, such announcements for the Winter Simulation Conference and upcoming INFORMS conferences.
Editor’s Corner
Susan R. Hunter

Jie Xu and I are delighted to bring you another edition of the I-Sim newsletter. Thank you to everyone who contributed sections, and a special thanks to everyone who replied with a minimal number of reminders!

Notice that in this issue, we have a section called “Member News.” Please remember to send Jie and me any special news items you’d like us to share for the upcoming Spring Newsletter.

I hope you enjoy the newsletter, and I look forward to seeing you at WSC!

Treasurer’s Report
Raghu Pasupathy

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<td>• National meeting expense (INFORMS)</td>
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<td>• Local meeting expense (WSC)</td>
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<td>• Subdivision payment (WSC awards)</td>
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<td><strong>Ending Balance (10/31/2015)</strong></td>
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Secretary’s Corner
Peter Frazier

As of Oct 22, 2015, we have 670 members. This is similar to the membership at this time last year (680 members on Oct 12, 2014), and represents growth over past years (623 on Nov 24, 2013, and 592 on Sep 30, 2012).

We have 9 members who have been members since 1976! Thank you for your long-standing support. We have 221 members who joined on or after Jan 1, 2015. Welcome to I-Sim!

We have 196 international members. The most well-represented non-US country is Canada (37 members), followed by the United Kingdom (16 members), Australia (16 members), and Germany (12 members).

Please remember to renew your I-Sim membership when you renew your INFORMS membership this fall or winter. You can renew online at http://renew.informs.org. If you are not currently a member and want to join I-Sim, please visit http://www.informs.org/Community/Simulation-Society/Join-Us.

Members receive discounts on conferences sponsored by the Simulation Society, including the Winter Simulation Conference. Membership is also a great way to participate in and support the simulation community.
COMMITTEE REPORTS

Report on the Simulation Archive
Simulation Archive Advisory Committee: Richard E. Nance (Chair), Robert G. Sargent, James R. Wilson

Established in the fall of 1998 at the N.C. State Libraries, the Simulation Archive can be accessed at http://d.lib.ncsu.edu/computer-simulation. The SAAC serves to advise the library staff and to promote the development of the Archive. The Archive provides an invaluable resource for current and future scholars in computer simulation, computing history, and the history of technology.

The Committee wishes to thank all organizations that have provided financial support over the past five years. In particular, the strong, continuing support of the INFORMS Simulation Society (I-Sim) and the ACM Special Interest Group on Simulation (SIGSIM) are acknowledged. Brunel University provided support at a crucial point. Annual and one-time individual contributions funds activities in acquisition, organization, preservation, and access to a wide range of artifacts. The Simulation Archive Endowment has a balance of $69,868 as of the end of the quarter (September 30, 2015).

The oral history of simulation project, supported by the National Science Foundation, has added three interviews with simulation pioneers conducted during WSC 2014, to the Archive to bring the total to 21. At least two additional interviews are in the planning stages.

Specific questions related to the identification and organization of the Archive beyond that provided on the web site should be addressed to Gwynn Thayer, Associate Head and Curator of Special Collections, NCSU Libraries (gathayer@ncsu.edu).

Members of the simulation community and others with related interests are invited to visit the Simulation Archive website, and feedback reactions, and suggestions for improvement can be sent to Dick Nance (nance@vt.edu). Additional and much needed tax-deductible donations can be made by contacting Greg Raschke, Associate Director for Collections and Scholarly Communication, at (919) 515-7188 or by e-mail at greg.raschke@ncsu.edu.

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EDITORS’ REPORTS

Report on the Journal of Simulation
Christine Currie, Simon J. E. Taylor, John Fowler, and Loo Hay Lee, Editors

2015 is an exciting year for the Journal of Simulation, as we add some new faces to our editorial board. Joining the Advisory Board for the journal, Charles Macal (Argonne National Laboratory, USA); Barry Nelson (Northwestern University, USA); Markus Rabe (Technische Universitat Dortmund, Germany); Stewart Robinson (Loughborough University, UK); Russell Cheng (University of Southampton, UK). Volume 10 is coming out in 2016 and as part of the celebration will feature a paper from one of our advisory board members in each issue. The first paper by Barry Nelson is due out in issue 1 of 2016. Progress for the Journal of Simulation (JOS) continues well. All issues continue to be delivered on time. AOP continues well and we have plenty of content for volume 9 leading into 10. All issues in Volume 8 were delivered on time.

So far this year, 168 articles have been submitted. The acceptance rate is around 20%.

Journal of Simulation welcomes submissions (articles or technical notes) from both researchers and practitioners active in the field of simulation. In JOS, the field of simulation includes the techniques, tools, methods and technologies of the application and the use of discrete-event simulation and agent-based modeling. JOS will examine a wide range of domains including for example, manufacturing, service, defense, health care and general commerce. JOS will particularly seek topics that are not “mainstream” in nature but interesting and evocative to the simulation community as outlined above For more information, please visit the website: http://www.palgrave-journals.com/jos/index.html

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Report on Operations Research
Stephen E. Chick, Operations Research Simulation Area Editor


For the period specified of approximately 7 months, there were 17 new submissions and 3 resubmissions. During this period there were 12 rejections, 8 papers continue under review, 9 revise-and-resubmit decisions and 1 acceptance. Of the editorial decisions made in this period, 3 were late (4-6 months from date of submission) and 2 were very late (180 days or more). I would like to thank the Associate Editor team, Russell Barton, Peter Frazier, Peter Haas, Jeff Hong, Jiaqiao Hu, Henry Lam, and Raghu Pasupathy, for their conscientious service to the journal.

The simulation area of Operations Research looks for significant work in simulation modeling, methodology and applications that advance the knowledge and practice of simulation. In addition to the traditional research areas, we welcome contributions that develop the interface of simulation with other methodological areas, e.g., optimization and applied probability, and with application areas, e.g., service industries like healthcare and financial engineering, manufacturing, and business dynamics. In general, papers should be of interest to a broad O.R. audience, and not just to the simulation community, although we certainly welcome papers that represent major theoretical progress.

Please submit papers electronically via the Manuscript Central O.R. Web site:
http://mc.manuscriptcentral.com/opre

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Report on ACM Transactions on Modeling and Computer Simulation
Adelinde M. Uhrmacher, Editor-in-Chief

TOMACS is the primary source for research on systems modeling and computer simulation. TOMACS publishes papers of significant and lasting value in all areas of discrete-event or hybrid computer modeling and simulation, including (but not limited to) the following:

- Modeling methodology
- Model execution
- Random numbers and objects
- Experiment design and simulation analysis
- Verification, validation, and accreditation of models
- Interplay between other areas of computer science and simulation
- Advanced Applications

News

Upcoming special issues – online soon:

- TOMACS 25:5 – Honoring Don Iglehart (Peter W. Glynn, Peter J. Haas editors),
- TOMACS 26:1 – Principles of Advanced Discrete Simulation (Gabriel Wainer editor),
- TOMACS 26:3 – Advances in Cellular Automata Modeling (Stefania Bandini, Georgios Sirakoulis, Giuseppe Vizarri editors).

New call for special issue – coming soon:

- Social and behavioral simulation – methods, applications, and challenges (Charles M. Macal editor)

ACM SIGSIM PADS and ACM Transactions on Modeling and Computer Simulation (TOMACS) agreed to link both premier outlets for Modeling and Simulation methodological research more tightly. Each year a special issue based on significantly extended, selected papers of SIGSIM PADS will appear in TOMACS. In the opposite direction, authors who have an accepted paper presenting original work in TOMACS, will receive the possibility to present their work at a SIGSIM PADS conference.

TOMACS is establishing a new series called "State of the Art and Open Challenges" (MS:STAROC) in modeling and simulation. Papers in this series will feature leading researchers who present their views concerning the state of knowledge in an area within the modeling and simulation discipline as well as important research challenges requiring further investigation.

TOMACS is starting a reproducibility initiative to improve the quality and reproducibility of modeling and simulation research. Authors are given the opportunity to take part in the reproducing computational results (RCR) activity: an independent reviewer will check whether all results presented in a paper can be reproduced.

For more information please visit:
http://tomacs.acm.org

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Report on INFORMS Journal on Computing
Marvin Nakayama, Simulation Area Editor

In the one-year period ending September 30, 2015, the Simulation Area of the INFORMS Journal on Computing (IJOC) received 17 new submissions and 14 revised manuscripts. During this period, 3 papers were accepted and 11 rejected. The average turnaround time over all rounds of submissions completed during this period was 76.4 days. The AEs in the IJOC Simulation Area are James M. Calvin, Seong-Hee Kim, Raghu Pasupathy, and Bruno Tuffin. I thank all of the AEs for doing a great job!

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

Marvin K. Nakayama
Simulation Area Editor, INFORMS JOC
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New Jersey Institute of Technology
Newark, NJ 07102
marvin@njit.edu, phone: +1-973-596-3398

Report on Management Science
Noah Gans, Stochastic Models and Simulation Department Editor

Submissions:
Please submit manuscripts electronically via Management Science’s Manuscript Central Site:
http://mc.manuscriptcentral.com/ms

Editorial Activity in the Department:
Since July 1st 2014, the Stochastic Models and Simulation Department has received 96 submissions in total. A breakdown of the papers’ dispositions is a follows:

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<tr>
<td>Minor revision</td>
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<tr>
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<tr>
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<tr>
<td>Total</td>
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<td>12</td>
<td>96</td>
</tr>
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</table>

Report on IIE Transactions
Raghu Pasupathy, Simulation Department Editor

I would like to thank the Associate Editors in the IIEET Simulation Area: Guzin Bayraksan, Dashi Singham and Jiqiao Hu. For the 12-month period ending October, 2015 there were 14 new submissions with 4 rejections, 6 under review/revision, and 4 acceptances. The goal of the IIEET Simulation Department is the rapid dissemination of high-quality methodological and application-related simulation research. Submission of papers on all aspects of simulation are encouraged, including but not limited to analysis and modeling methodology, software, and
surveys. Specific topics of interest include simulation optimization, random number and variate generation, input and output analysis, and variance reduction. We are particularly interested in pressing questions that lie on the boundary of stochastic programming and simulation optimization, parallelization methods for large-scale simulation optimization, and agent-based simulation, among others. Software-related papers might discuss new developments in the technology, state-of-the-art code, or interesting special-purpose programs.

Report on Interfaces
Doug Morrice (adapted by Susan R. Hunter from the INFORMS Business Meeting slides)

As of October 19th, there were 81 submissions in 2015. (There were 107 submissions in 2014.)

There is an upcoming special issue on “Applications of Analytics and Operations Research in Big Data Analysis” with guest editor Deepak Turaga. The deadline is February 15th, 2016.

The current acceptance rate is just below 20% (excluding special issues). Over the last four years, 67% of original submissions are from authors outside the US. Please consider submitting any high-quality papers that are well-motivated by an application.

CONFERENCE ANNOUNCEMENTS

2015 INFORMS Simulation Society Research Workshop:
At the Interface of Simulation and Optimization
Held July 25–27, 2015, Purdue University, West Lafayette, IN
Susan R. Hunter and Raghu Pasupathy (See also https://isim2015purdue.wordpress.com)

The 2015 INFORMS Simulation Society (I-SIM) Research Workshop was held in Purdue University, West Lafayette, Indiana. This invited workshop featured emerging methodologies of simulation, optimization, and their interface. We brought together researchers from the fields of simulation-optimization, stochastic programming, approximate dynamic programming, and machine learning in an attempt at cross-fertilizing what appear to be contemporaneous advances on important related questions from the different sub-cultures. The workshop consisted of a single track of nine talks each day over three days, with plenary speakers Peter Glynn, Alex Shapiro, and Warren Powell.

The organizers, including Kyle Cooper, Susan Hunter, Raghu Pasupathy, Vinayak Rao, and Hong Wan, would like to thank

- Purdue Statistics,
- Purdue Industrial Engineering, and
- IBM Research

for their financial support of the workshop.

INFORMS Annual Meeting: Highlights
Held November 1–4, 2015, Philadelphia, PA
John Shortle (source: http://meetings2.informs.org/wordpress/philadelphia/)

The INFORMS Annual Meeting was held in Philadelphia, Nov. 1–4, 2015. I-Sim had 12 sponsored sessions. Thank you to the session organizers: Hakob Avetisyan, Demet Batur, Chun-Hung Chen, Canan Gunes Corlu, Tahir Ekin, Henry Lam, Ilya Ryzhov, John Shortle, Sajjad Taghiye, Jie Xu, Feng Yang, Enlu Zhou. The I-Sim business meeting was held on Sunday evening. More information about the meeting can be found at http://meetings2.informs.org/wordpress/philadelphia/.
2015 Winter Simulation Conference
December 6–9, 2015, Huntington Beach, CA
John Shortle (source: http://wintersim.org/2015/)

“The Winter Simulation Conference (WSC) is the premier international forum for disseminating recent advances in the field of system simulation. In addition to a technical program of unsurpassed scope and quality, WSC provides the central meeting place for simulation practitioners, researchers, and vendors working in all disciplines in industry, service, government, military and academic sectors.”

WSC 2015 will be held at the Hyatt Regency Huntington Beach Resort and Spa in Huntington Beach, CA, December 6–9, 2015. The theme of the conference is “Social and Behavioral Simulation.” The keynote address will be given by Joshua Epstein, Professor of Emergency Medicine and Director of the Center for Advanced Modeling in the Social, Behavioral and Health Sciences at Johns Hopkins University. The conference will feature two Titans of Simulation talks by Pierre L’Ecuyer and Averill M. Law. The I-Sim business meeting will be on Tuesday evening. For additional information, see http://wintersim.org/2015/.

OR Society 8th Simulation Workshop (SW16)
April 11 – 13, 2016, Stratford, Worcestershire, UK
Christine Currie, Tom Monks, John Shortle (source: http://www.theorsociety.com/Pages/Conferences/SW16/SW16.aspx)

SW16: Paper Deadline is Imminent!
This coming April 11–13th 2016 sees the return of the UK’s biennial OR Society Simulation Workshop, SW16. We have a packed programme consisting of tutorials, two keynote speakers (Professor Alexander Verbraek from the Netherlands and Professor Sally Brailsford from the UK), a poster session, high quality applied and theoretical papers presented by industry and academia and of course the all-important conference dinner!

“The biennial OR Society Simulation Workshop brings together practitioners and academics working in the field of discrete-event simulation and related fields. It provides an opportunity to exchange ideas on the current and future state-of-the-art in simulation and modeling. The program consists of a key note presentation, panel discussion and parallel streams. Breaks between sessions and the conference dinner provide an excellent opportunity for networking. The exhibition area includes poster display and some of the latest developments in simulation software tools.”

The location is close to Birmingham International Airport, making it easy for international visitors to attend.

The call for papers can be found at this link. The deadline for papers has been extended to November 6, 2015. The deadline for poster abstracts is January 15, 2016.

2016 INFORMS Conference on Business Analytics & Operations Research
April 10–12, 2016, Orlando, FL
John Shortle (source: https://www.informs.org/Attend-a-Conference/Analytics-Conference)

“INFORMS Conference on Business Analytics and Operations Research shows how to ‘Apply Science to the Art of Business.’ It features presentations on real-world applications of analytic solutions, presented by industry and university leaders. Highlights include the Franz Edelman Competition for excellence in applied analytics and O.R. and Advanced Analytics, methodology and software tutorials, case studies in applying analytics, a premier job fair for professionals, and facilitated networking sessions.”

The conference is held annually in the spring. The conference venue is the Hyatt Regency Grand Cypress, Orlando, FL.
INFORMS International Conference
June 12-15, 2016, Hilton Waikoloa Village, Hawaii
John Shortle (source: http://meetings2.informs.org/wordpress/2016international/)

“The 2016 INFORMS International Meeting is located in a stunning location with unparalleled beauty and a unique cultural heritage. Experience a rich program of talks, keynote speeches, and tutorials on leading edge research topics and industry practices at world-class meeting facilities in a resort setting. Hosted by INFORMS, this is one of the largest international conferences in operations research and management science.”

The meeting will be held at the Hilton Waikoloa Village Resort. Abstract submission opens in early November, 2015. For further information and updates, see this link.

2015 CALL FOR NOMINATIONS

Call for Nominations: Election of Officers to serve 2016–2018
Bahar Biller, Stephen Chick, and Douglas Morrice

The nominations committee is seeking input on nominations for the following positions:

- Vice-President / President Elect
- Treasurer
- Secretary
- Two Council Members (one from outside the U.S.)

Additional nominations via petition will be accepted through March 1, 2016. Ballots will appear in the Spring I-Sim Newsletter.

I-SIM BUSINESS MEETING MINUTES

INFORMS Simulation Society Business Meeting:
2015 INFORMS Conference, Philadelphia, November 1, 2015
Peter Frazier, Secretary

At 6:20pm, Seong-Hee Kim, President of the Society, called the meeting to order after all attendees introduced themselves. She announced the election results, that Soumyadip Ghosh and Hong Wan were elected as council members, and thanked the departing council members, Sheldon Jacobson and Loo Hay Lee.

At 6:22pm, a motion was passed to approve the minutes from the I-Sim business meeting at WSC 2014.

At 6:23pm, John Shortle gave the Vice President’s report, reporting on the 2015 INFORMS Annual Meeting, and the 2015 Winter Simulation Conference. He then informed the membership about several meetings coming in 2016, which are described in the fall newsletter.

At 6:26pm, Raghu Pasupathy reported on the 2015 INFORMS Simulation Research Workshop, held at Purdue University in July. He informed the membership that a great time was had by all, and thanked the sponsors.

At 6:27pm, Seong-Hee called for proposals for the location of the 2017 Simulation Society Workshop. Submit a brief proposal (3-5) pages by April 30, 2016 to her, and a decision will be made next year.

At 6:28pm, Peter Frazier gave the Secretary’s Report, with new membership numbers, and Raghu Pasupathy gave the Treasurer’s Report, with I-Sim account balances. For details on both, please see the Secretary’s Corner and Treasurer’s Report in the fall newsletter.

At 6:30pm, Steve Chick gave the Nominations Committee report. Steve asked that between now and WSC, please
let Bahar Billar, himself, or Doug Morrice know if you have ideas for Vice President / President-Elect, Treasurer, Secretary, or two council members. At least one council member must be from outside of the US. Ballots will appear in the spring newsletter.

At 6:32pm Seong-Hee introduced the award committee reports, with details available in the newsletter. Emily Lada reported on the WSC 2015 PhD colloquium committee; Xie Wei reported on the CUMW Award; Jeremy Staum reported on the Outstanding Publication Award; and Seonghee reported on the Distinguished Service Award and the LPAA.

At 6:35pm Russell Barton gave the Subdivisions Council Report, beginning with the Self-Reflection Subcommittee. The key finding is that there is a need for better communication of the role and activities of the subdivisions council. To address this, there will be actions taken including discussions at chapters/fora officers breakfast, and the sections and societies officers luncheon. There is also some discussion that we may take the 20 subdivision council members and affiliate each of them with one of the 21 sections.

Russell then discussed other subcommittees from the subdivisions council: Diversity, Collaboration, and INFORMS Connect. Russell solicited feedback on the usefulness of INFORMS Connect.

Russell also led discussion of whether I-Sim would be willing to support giving one-year free subdivision memberships to those new INFORMS members who elected an I-Sim membership. In the past, INFORMS has supported this fully, but is now asking the sections and societies to support those new members that elect to join them. In this discussion, the following points were made:

- Jeremy Staum and Sheldon Jacobson pointed out that I-Sim makes a substantial profit at WSC, and is likely to be able to afford this.
- Peter Frazier suggested that we can think of free memberships as investing to increase membership, and this investment is likely worthwhile.
- Susan Sanchez pointed out that this is likely a low investment and a high rate of return.

Russell then asked that anyone with additional comments send him email.

At 6:43pm, John Shortle reported on the survey of the I-Sim membership on whether I-Sim should sign the memorandum of understanding with NMSC. 9 members felt we should sign; 4 felt we should not sign; 5 felt that we should not sign but engage informally; and 2 abstained. Based on this lukewarm response, I-Sim’s leadership has decided not to sign the memorandum of understanding, but is open to informal discussions with NMSC.


At 6:49pm the meeting was adjourned

Attendees: (@ has been replaced with <of>)
Seong-Hee Kim skim<of>isye.gatech.edu
John Shortle jshortle<of>gmu.edu
Russell Barton rbarton<of>psu.edu
Steve Chick stephen.chick<of>insead.edu
Raghu Pasupathy pasupath<of>purdue.edu
Sheldon H. Jacobson shj<of>illinois.edu
Jeremy Staum j-staum<of>northwestern.edu
Mingbin Feng benfeng<of>u.northwestern.edu
Leyuan Shi leyuan.shi<of>u.northwestern.edu
Susan Hunter susanhunter<of>purdue.edu
Susan Sanchez ssanchez<of>nps.edu
Jie Xu jxu13<of>gmu.edu
Yujing Lin yujinglin2013<of>u.northwestern.edu
Wei Xie xiew3<of>rpi.edu
Kalyani Nagaras kalyanin<of>purdue.edu
Young-Jun Son son<of>rieu.edu
Loo Hay Lee lseleelh<of>nus.edu.sg
Haobin Li lih<of>ihpc.a-star.edu.sg
Ek Peng Chew isecep<of>nus.edu.sg
John Fowler john.fowler<of>asu.edu
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Siyang Gao siyangao<of>cityu.edu.hk
Jie Song songjie<of>coe.pku.edu.cn
Matt Faatz matt<of>sterlingsimulation.com
Paratsu Kasiae PKasaie<of>jhu.edu
Sharif Melouk smelouk<of>cba.ua.edu
Enlu Zhou enlu.zhou<of>isye.gatech.edu
Ilya Ryzhov iryzhov<of>rsmith.umd.edu
Sander Vermeulen sanderv<of>simul8.com
Giulia Pedrielli giulia.pedrielli.8s<of>gmail.com
MEMBER NEWS

Second Edition of Design and Analysis of Simulation Experiments Available
Jack P.C. Kleijnen

Jack P.C. Kleijnen published the second edition of Design and Analysis of Simulation Experiment at Springer:
https://dx.doi.org/10.1007/978-3-319-18087-8

This website states: “This is a new edition of Kleijnen’s advanced expository book on statistical methods for the Design and Analysis of Simulation Experiments (DASE). Altogether, this new edition has approximately 50% new material not in the original book. More specifically, the author has made significant changes to the book’s organization, including placing the chapter on Screening Designs immediately after the chapters on Classic Designs, and reversing the order of the chapters on Simulation Optimization and Kriging Metamodels. The latter two chapters reflect how active the research has been in these areas.

The validation section has been moved into the chapter on Classic Assumptions versus Simulation Practice, and the chapter on Screening now has a section on selecting the number of replications in sequential bifurcation through Wald’s sequential probability ration test, as well as a section on sequential bifurcation for multiple types of simulation responses. Whereas all references in the original edition were placed at the end of the book, in this edition references are placed at the end of each chapter.”

Jack P.C. Kleijnen
Room K 1113, Department of Management
Tilburg School of Economics and Management (TiSEM)
Tilburg University (TiU), Netherlands
phone 31-13-466-2029
Link to Publications

UPCOMING EVENTS

Event Calendar
Jie Xu

2015 Winter Simulation Conference, Huntington Beach, CA,
December 6 – 9, 2015, http://wintersim.org/2015/

54th IEEE Conference on Decision and Control, Osaka, Japan,

2016 Power Plant Simulation Conference, San Antonio, TX,

2016 Spring Simulation Multi-Conference, Pasadena, CA,

2016 INFORMS Conference on Business Analytics & Operations Research, Orlando, FL,

2016 Annual IEEE Systems Conference, Orlando, FL,

IIE Annual Conference and Exposition 2016, Anaheim, CA,