



INSTITUTE FOR OPERATIONS RESEARCH AND THE MANAGEMENT SCIENCES

I-Sim News

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President's Message

I'd like to begin my last President's Message with a word of appreciation to the many *I-Sim* volunteers who have made my last two years so enjoyable and rewarding. Particular thanks to Steve Chick, Vice-President/President-Elect; Chun-Hung Chen, Treasurer; Shane Henderson, Secretary; to our Council members John Carson, Martha Centeno, Pres White and Enver Yücesan; and to Susan Sanchez, Past President. I am thankful for the great *Newsletter* work by Loo Hay Lee and his assistant, Seong-Hee Kim. The efforts of these folks are magnified many times over by the many other volunteers serving on the *I-Sim* Council and on our eight committees, listed on our web page. In addition, I thank the many people who support us in other ways that aren't captured in these lists. I expect I'll go through a bit of withdrawal as my current role in *I-Sim* ends. My involvement with *I-Sim* is not exactly ending, however. Jeff Tew, the person who asked me to serve as associate *Newsletter* editor in 1996, is general chair for WSC'07, and asked me to serve as program chair. So I'll continue to call on *I-Sim* members to volunteer – just for different things.

Speaking of meetings, please take note of our co-sponsorship of the Operational Research Society (UK) Simulation Study Group's 3rd Simulation Workshop (SW06), to be held later this month. To my knowledge, this is *I-Sim*'s first co-sponsorship of an international conference, thanks in large part to the efforts of Steve Chick. Please also note that the submission deadline is rapidly approaching for contributed papers for WSC'06 – read more about it in the following pages.

I would like to offer congratulations to our award winners this year, Paul Glasserman (Outstanding Publication), Deb Sadowski (Distinguished Service), and Jack Kleijnen (Lifetime Professional Achievement). We have often asked recent award winners to serve on the selection committees, an unfortunate side effect of fame and glory! Jack Kleijnen has agreed to serve on the Lifetime Professional Achievement Award selection committee along with George Fishman (chair) and Lee Schruben, replacing Bob Sargent who is rotating off. Deb Sadowski has agreed to serve on the Distinguished Service Award committee, replacing Steve Roberts who is rotating off. Dave Goldsman (chair) and Barry Nelson will continue to serve on this committee. Paul Glasserman will join the Outstanding Publication Award committee this year, replacing David Kelton. He will be joined by Leyuan Shi and Peter Haas (chair). Our sincere thanks go to these volunteers.

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Editor's Corner

This newsletter celebrates the accomplishments of several people: Jack Kleijnen receives the Lifetime Professional Achievement Award, Deb Sadowski receives the Distinguished Service Award, Paul Glasserman receives the Outstanding Publication Award and Jim Wilson receives the Board of Directors' Award for Distinguished Service. Moreover, Jim Wilson, Barry Nelson and Bob Sargent are elected as the INFORMS Fellows.

I would also like to draw your attention to the ballot at the end of this newsletter. Please submit your vote by the end of the next month.

It has been a lot of fun editing this newsletter. The experience to serve in the I-Sim committee has been enjoyable and fulfilling. This has also been a good excuse for me to go to both the INFORMS and WSC in the past 2 years, as I know that I will be able to meet with many people who have dedicated their times to serve the simulation society.

Finally, I would like to thank all the members for your contribution and support for the newsletter. I hope that this newsletter can continue to be a platform for the I-Sim to pass around the information and share their good news and experiences.

-- Loo Hay Lee

Please pass along printouts of the newsletter to friends and colleagues, or let them know about the *INFORMS Simulation Society* World Wide Web page. You'll get more than just a newsletter. Its URL is

<http://www.informs-sim.org/>

This web page is designed to be a general source of information and WWW links for the simulation community, with a particular focus on society interests and activities. There are often additional special items, such as WSC'06, and upcoming *INFORMS* conferences.



INFORMS Simulation Society Newsletter is published in the Spring and Fall of each year by the *INFORMS Simulation Society*. Membership in the *Simulation Society* is independent of membership in *The Institute for Operations Research and the Management Sciences*. The annual membership fee for non-*INFORMS* members is \$20.00; *INFORMS* members may join for \$10.00. The fee for students and retired members who are also members of *INFORMS* is \$5.00.

To join, call 1-800 4 INFORMS (from the USA) or (+1)(410) 850-0300 (from outside the USA). Or point your web browser to <http://www.informs-sim.org/join.html>. Or contact the secretary, Shane Henderson. His address information appears on the front cover. Please pass along this announcement to others who might be interested in joining. POSTMASTER: Send address changes to *INFORMS Simulation Society Newsletter*, 901 Elkridge Landing Road, Suite 400, Linthicum, MD 21090.

INFORMS Simulation Society

Treasurer's Report

Net Worth
December 31, 2005

ASSETS	
Cash and Bank Accounts	
INFORMS Account Available*	8,172.63
INFORMS-CS Checking (as of Jan 31, 2006)	3,869.35
WSC Seed Money (not liquid)	4,000.00
TOTAL ASSETS	16,041.98
LIABILITIES	
Outstanding Check	995.00
NET WORTH	15,046.98

Headquarters Account funds are held by the *INFORMS* office: 901 Elkridge Landing Road; Suite 400; Linthicum MD 21090-2909. Checking account funds on deposit with Bank of America, 10 Light Street, Baltimore MD 21202 (checking account number 003936322008).

2005 Year-to-Date Cash Flow report
December 31, 2005

INFLOWS	
Dues Income (estimated)*	4,825.00
WSC'04 Surplus	2,500.00
'05 Ph.D. Colloquium Reimbursed by WSC	1,700.00
Interest Income*	75.67
TOTAL INFLOWS	9,100.67
OUTFLOWS (includes December '04 outflows)	
'05 LPAA Award	2,541.48
'05 Ph.D. Colloquium	1,700.00
CUMW Awards	595.00
INFORMS San Francisco Reception	500.00
WSC'05 Reception	1,787.00
Web Page Maintenance	1,200.00
Domain Name Registration	220.70
TOTAL OUTFLOWS	8,543.48
NET CASH FLOW (estimate)	557.19

**INFORMS* Account Available, Dues Income, and Interest Income amounts are based on most recent balance available from *INFORMS* (09/30/2005) with appropriate adjustment.

Chun-Hung Chen, Treasurer, February 28, 2006

President's Message Continued

Please note that a ballot is included in this *Newsletter*, with candidates for Vice-President/President-Elect, Secretary, Treasurer and Council. Two of our initial four Council members, John Carson and Enver Yücesan, are ending their two-year term in June. Our two other elected Council members, Martha Centeno and Pres White, have agreed to stay on one more year so that we can meet the staggered election requirements of our Society bylaws. I am indebted to all of them for their sage advice and kind words during my term. In addition to the selection of officers, the ballot includes a request for approval of two modifications to our bylaws. These were described in the Fall Newsletter and the description is repeated here for your convenience. Please vote: we need at least a 15% response and a 2/3 majority for any bylaw change.

With sadness, I share with our members that Perwez Shahabuddin passed away shortly before the last Winter Simulation Conference. This loss is particularly painful since Perwez was relatively young and in the prime of his career. We have included a memorial written by Paul Glasserman in this *Newsletter*. Our condolences go to his family and many friends.

Finally, I want to give my strong best wishes to Steven Chick and his soon-to-be-determined new team of officers and committees. You will have the continuing support of a society of dedicated and generous members.

--Russell Barton

Secretary's Corner

Our society continues to remain active and in good health, although we are currently undergoing the traditional dip in numbers while people renew their membership. If you have already renewed, then thank you for your continued support. If not, then please either visit <http://renew.informs.org> or call the INFORMS staff at (+1)(800)4INFORMS or (+1)(443)757-3500 to renew. As a reminder, the society is involved in a number of activities that, directly or indirectly, benefit its members. Society activities include:

- Co-sponsoring the Winter Simulation Conference (WSC) – <http://www.wintersim.org> Society members receive a substantial discount on registration.
- Maintaining a publicly accessible Web repository of all WSC papers from 1997 onwards (<http://www.informs-sim.org/wscpapers.html>).
- Publishing bi-annual newsletters for the simulation community - <http://www.informs-sim.org/newslet.html>).
- Soliciting nominations and presenting awards annually recognizing

accomplishments: the Outstanding Publication Award, Distinguished Service Award, and Lifetime Professional Achievement Award.

- Maintaining a simulation archive, which holds letters, memoranda, publications, and memorabilia of all kinds that are relevant to the history of the field of computer simulation, including the history of related professional societies.
- Hosting a Ph.D. colloquium for doctoral students at WSC (<http://www.wintersim.org/phd.htm>).
- Sponsoring awards to under-represented minorities and women to assist in attending WSC.

Maintaining links to information about upcoming conferences and workshops, teaching resources, Web sites of active R&D projects, etc. (<http://www.informs-sim.org/geninfo.html>)

-- *Shane G. Henderson*

The Puzzle : Escape from a River

Seong-Hee Kim

There is a straight river exactly 2 miles in width and infinite in length. It is a very foggy day and the river is so still that it does not flow at all. One falls exactly in the middle of the river. How should she swim to minimize the worst-case swimming distance until she escapes from the river?

For example, one may swim straight 1 mile to any direction, and then swim making a circle of radius 1

mile. Then, the worst-case swimming distance for this strategy is $(1 + \pi)$ miles. But this is not the minimum worst-case swimming distance and we can do better.

This problem is posted by jindols79 on <http://www.mensakorea.org>.

INFORMS Simulation Society Business Meeting

INFORMS Annual Meeting, San Francisco, CA November 13, 2005

Reported by Shane G. Henderson, secretary



The meeting was called to order at 6:25pm by Russell Barton (president). Russell gave the Vice President's report for Steve Chick (vice president), referring to the handout on past and future conferences from Steve Chick.

Shane Henderson (secretary) gave the secretary's report. The minutes of the business meeting at the Winter Simulation Conference (WSC) 04 were approved. Our membership level is strong, but is about to dip due to annual renewals. Please remember to renew and encourage colleagues to do so. The web address www.i-sims.org is about to expire or has expired. www.informs-sim.org and www.informs-cs.org will remain active.

Chun-Hung Chen gave the Treasurer's report. The society's financial position is strong, although we need to be aware of a potential \$1600 expense at WSC for the PhD Colloquium. Jim Wilson queried this because it was his understanding that the WSC board had approved a motion to take over this expense.

Loo Hay Lee gave the newsletter editor's report. He drew attention to the member's corner, and asked for submissions for that column.

Michael Fu gave an editor's report for Operations Research. Contributions are up again after a dip last year. He is completing his term this year, and was thanked. Shane Henderson will take this post as of 2006.

The chairs (or representatives thereof) of the awards committees all reported that there will be awards this year at WSC. (Shi, Goldsman, Schruben).

Dave Goldsman reported on WSC 05. Registrations are ahead of projections. He believes it is very likely that the WSC board will cover the PhD colloquium expense mentioned earlier.

Theresa Roeder reported on the committee for underrepresented minorities and women. She would like to obtain industry sponsorship to boost the awards. There was support for this idea, as long as overly commercial messages are avoided. There will be 20 participants at the PhD colloquium.

Barry Nelson has helped place past newsletters on the society webpage.



Russell Barton reported that we have candidates for the Spring 06 elections for society officers. Additional nominations are welcome. (Send to Susan Sanchez.)

A proposal was floated for an honorary lecture at the INFORMS national meeting. It was suggested that this person should be the recipient of the lifetime professional achievement award LPAA from the previous year. After some discussion, a general sense of support for 3 different proposals was solicited. There were approximately 20 in support of the honorary lecture at INFORMS being the LPAA recipient if available, or someone else if not. There was 1 in support of having both the LPAA recipient and another person give lectures. No-one voted against such a lecture. After some discussion, there were about 15 in support of some professionally active member giving such a lecture. A proposal will be given at the WSC business meeting.

After some discussion, separate motions to consider adding the PhD Colloquium committee and the CUMW committee to the list of standing committees passed. Bylaw revisions will be presented for a vote at the WSC business meeting.

In new business, Jim Wilson gave a report for the journal ACM TOMACS. Of 48 submissions, 10 have been accepted, 29 rejected and 6 withdrawn.

Attendees: In the interest of preventing email address harvesting, email addresses have been disguised. To get the true email address, replace <of> with @.

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Chun-Hung Chen	cchen9<of>gmu.edu
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John Fowler	john.fowler<of>asu.edu
Michael Freimer	mbf10<of>psu.edu
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Dave Goldsman	sman<of>isye.gatech.edu
Aparna Gupta	guptaa<of>rpi.edu
Gul Gurkan	ggurkan<of>uvt.nl
Peter Haas	peterh<of>almaden.ibm.com
Shane Henderson	sgh9<of>cornell.edu
Sheldon Jacobson	shj<of>uiuc.edu
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Leyuan Shi	leyuan<of>engr.wisc.edu
Laurel Travis	ltravis<of>vt.edu
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Jim Wilson	jwilson<of>ncsu.edu
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Ning Zheng	zheng.481<of>osu.edu

INFORMS Simulation Society Business Meeting 2005 Winter Simulation Conference December 6, 2005

Reported by Shane G. Henderson, secretary

Russell Barton, president of the society, called the meeting to order at 5:20pm.

Sigrun Andradottir gave a moving tribute to Perwez Shahabuddin who recently passed away. Perwez is survived by his wife Soophia, and children Zain (6) and Zoha (9). A card for his family was circulated so

that all who knew Perwez had the opportunity to sign. An obituary written by Paul Glasserman was also circulated.

Shane Henderson gave the secretary's report. We have approximately 530 members. The URL of the society website is now www.informs-sim.org. The old URL

www.informs-cs.org still works, but www.i-sims.org has expired.

C. H.- Chen gave the treasurer's report. Russell Barton stated that the registration fees of the Ph.D. colloquium participants would be paid for by the conference this year, and that in future the conference chair for each year will decide on a case-by-case basis whether to cover the cost or not.



Loo Hay Lee gave the newsletter editor's report and requested articles for the spring.

Steve Chick gave the Vice President's report, announcing the following conferences: The 3rd simulation workshop in Stratford on Avon, near Birmingham, Mar 28, 29 2006. The INFORMS-Hong Kong meeting Jun 25-28, 2006. The INFORMS-Fall meeting in Pittsburgh PA. A workshop at INSEAD held either July 5-7 or July 17-19, 2007. The results of the workshop will be disseminated in a special issue of ACM TOMACS.

Steve Chick requested that the society cover unexpected costs at the INSEAD workshop up to a limit of \$2000 should they arise. He noted that the workshop is expected to be self-funding, so this need should not arise. The motion passed with no-one voting against.

Barry Nelson gave a report on WSC 05 on behalf of Dave Goldsman and himself, who are the society's representatives on the WSC Board. There were approximately 770 attendees with 700 paid registrations. The new simulation for managers workshop had 20 attendees. He asked those involved in

organizing WSC '05 to stand, and these people were thanked. The WSC '06 will be held in Monterey, CA. Michael Fu is standing down as simulation area editor for Operations Research as of December 31, 2005. He was thanked by the society. The new area editor is Shane Henderson. He named the new associate editors (Steve Chick, Peter Haas, Tito Homem-de-Mello and Seong-hee Kim). Susan Sanchez gave the INFORMS Journal on Computing report. She named the associate editors (Marvin Nakayama, Harriet Black-Nemhard, Paul Fishwick and Leyuan Shi). Jim Wilson gave the TOMACS report. He named new area editors Steve Chick, and Peter Haas. Christos Alexopoulos gave the IIE Transactions report.

Natalie Steiger gave the report for the Committee for Underrepresented Minorities and Women. The society helped sponsor Hongmei Chu, Kishau Rogers, Jose Rojas and Desiree Tejada to attend the conference.

Russell Barton announced that there were 17 participants at the 2005 PhD colloquium and presented certificates and a check to those present.

Susan Sanchez gave the slate of candidates for the Spring officer elections. She will accept further nominations until February 15.



The minutes of the society business meeting at the INFORMS San Francisco meeting were circulated and approved after a slight amendment: "No one voted for no such lecture" was changed to "No one voted against such a lecture." Also, some duplicates in the attendees were removed, so that there were 40 attendees.

The society will have an honorary lecture at the next INFORMS-Fall meeting to help enhance the visibility of the society. It may be coordinated with the Quality / Statistics / Reliability section, and there will be no financial commitment by the society.

A motion to add the Committee on Underrepresented Minorities and Women and the Ph.D. Colloquium to the list of standing society committees passed by verbal vote.

Russell Barton announced that Paul Glasserman received the Outstanding Publication Award this year and read the citation. Barry Nelson announced that Deb Sadowski was awarded the Distinguished Service Award and she gave a brief acceptance speech.

The attendees at the meeting then briefly introduced themselves.

Barry Nelson reported that the WSC Board had amended its bylaws to include a statement about conflicts of interest.

The college thanked Russell Barton for his service as president of the society.

Lee Schruben announced that the college has 3 new INFORMS Fellows this year: Barry Nelson, Bob Sargent and Jim Wilson. He also announced that Jack Kleijnen received this year's Lifetime Professional Achievement Award. Several of Jack's family members (wife Wilma, son Jacko, grandchildren Leslie and Jamo) attended the meeting while Jack gave a well-received acceptance speech.

The meeting adjourned at 7:20pm.

Attendees: In the interest of preventing email address harvesting, email addresses have been disguised. To get the true email address, replace <of> with @.

Kevin Adams	Kevin.P.Adams<of>navy.mil
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Society Sponsors Under-Represented Minorities and Women

Theresa Roeder



The Committee for Underrepresented Minorities and Women was pleased to sponsor 4 participants at the 2005 Winter Simulation Conference in Orlando. Jose Rojas and Desiree Tejada are graduate students at Florida International University in Miami. Hongmei Chi is an Assistant Professor at Florida State University, and Kishau Rogers is a small-business owner from Maryland. Congratulations to all awardees! This fall, the Committee will be accepted applications for sponsorship for the 2006 WSC in Monterey. Stay tuned for details! For more information, contact Theresa Roeder at tmroeder@sfsu.edu.

Ph.D. Colloquium

Theresa Roeder



The Ph.D. Colloquium at the 2005 WSC in Orlando was a great success, with 18 participants from across

the US and the UK. Topics ranged from health care analysis to options pricing. Sheldon Jacobson gave thoughtful advice and comments in his opening keynote address.

The 2006 Colloquium promises to be an even more exciting opportunity for Ph.D. students to present their work to the public. In addition to the traditional presentations and Poster Session, students will have the opportunity to have their papers considered for the new I-Sim/ACM-SIGSIM Best Student Paper award. Finalists will be judged on the Colloquium presentations as well as their papers, which must be accepted through the regular WSC submission process. There will be two winners: best computer science-focused paper, and best OR/MS paper. Stay tuned for further details! For more information, contact Young-Jun Son at son@sie.arizona.edu.

2006 INFORMS Conference on OR/MS Practice Applying Science in the Art of Business April 30 – May 2, 2006

Miami, Florida

Steve Chick

The Annual INFORMS Conference on OR/MS Practice will be held in Miami, Florida on April 30-May 2, 2006. Comprehensive information is available at <http://www.informs.org/Conf/Practice06/>. The conference is particularly targeted to analytic practitioners in all application areas, and academics that are interested in practice-oriented OR. Features of the conference will be the Edelman Award Competition, the Young Researcher Roundtable, and the INFORMS Professional Colloquium. Of particular interest to the simulation community will be a pre-conference workshop by Frontline Systems, Inc., that describes their optimization and simulation software, and Deb Sadowski of Rockwell Software, who will be presenting a Methodology Training session entitled “Succeeding with simulation: Tips for managing

2006 INFORMS CONFERENCE ON OR/MS PRACTICE
APPLYING SCIENCE
TO THE *Art of Business*

projects and risks” in the Revenue Management, Simulation track. There will be a number of application focus sessions as well, such as in health care, public services, manufacturing supply chain, that may benefit from simulation techniques.

The INFORMS Professional Colloquium (IPC, <http://www.informs.org/Conf/Practice06/ipc1.htm>) is a new one-day program to help the top practice-oriented operations research and management science Masters and PhD students successfully transition to life in industry. Attendance is by nomination only (contact Robin Lougee-Heimer at the IBM TJ Watson Research Center, robinlh@us.ibm.com for information). The second IPC will be held Sunday, April 30th in conjunction with the INFORMS Practice Meeting in Miami.

Call for Sessions/Talks: INFORMS Annual Meeting November 5 -8, 2006 Pittsburgh, Pennsylvania

Steve Chick

The theme of the November 2006 INFORMS Annual Meeting at the Pittsburgh Convention Center and Westin Convention Center Hotel in Pittsburgh is “Celebrate the Renaissance of Operations Research”, a theme that emphasizes the renewal and growth of operations research as new application areas are explored, and as new techniques are enabled through technological innovations in computing power and software.

Your participation in organizing an invited Simulation Society sponsored session would be welcome. Please let me know at your earliest convenience if you would like to organize a session, please let me know (stephen.chick@insead.edu) by sending your contact



information and tentative session title. The deadline for finalizing your session title, and for having identified speakers (I can help with this) is May 15, 2006.

Multi-disciplinary sessions are also welcome. We already have one joint session with the Health Applications track, and would welcome more joint sessions with health or other applications including quality, risk management, etc. that illustrate the innovative links between simulation and various application areas.

Please see <http://www.informs.org/Conf/Pittsburgh06/> for more information on the conference.

INFORMS Hong Kong 2006 International Conference Simulation Society Track

Hong Wan and Steve Chick



2006 in Hong Kong, to be held June 25-28, 2006. Sessions will be presented by Tom Schriber (special tutorial on Inside Simulation Software), Young Lee (Supply Chain Simulation), David Muñoz (Simulation for Inventory and Risk Analysis), Hong Wan (Simulation Optimization and Response Surface Models), and Roberto Lu (Modeling of Global Commerce Relevant Production and Business Events). We would like to thank each of these session organizers, as well as the fine panel of speakers in those sessions, for helping to make for a great conference. More details about each of the talks in those sessions can be found by searching the on-line program, which should be available soon at <http://www.informs.org/Conf/Hongkong06/program.htm>.

The INFORMS Simulation Society is sponsoring 5 sessions at the INFORMS International Conference

2006 Winter Simulation Conference

December 3-6, Monterey, CA

<http://www.wintersim.org/>

Loo Hay Lee



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 and in the industrial, governmental, military, and academic sectors.

Location: WSC '06 will be held in picturesque Monterey, California, USA at the beautiful Portola Plaza Hotel on December 3-6, 2006. Adjacent to Fisherman's Warf and downtown Monterey, the Portola Plaza is within walking distance of the famed Monterey Bay Aquarium and a short drive to Carmel, California with its numerous shops and restaurants. WSC '06 provides an opportunity to enjoy some of the finest natural scenery along the northern California coast.

Keynote Speaker: Our keynote speaker will be Professor Edward Lee of the University of California at Berkeley. Professor Lee is a well-known researcher in the modeling and simulation field whose research interests center on design, modeling, and simulation of embedded, real-time computational systems. He is a director of CHESS, the Berkeley Center for Hybrid and Embedded Software Systems, and is the director of the Berkeley Ptolemy project.

Program: WSC '06 features a comprehensive program ranging from introductory tutorials to state-of-the-art research and practice. The conference includes student presentations, exhibits, training sessions by software vendors, business meetings for professional societies and software user groups, a general reception, and a spouse's program.

Important Dates:

April 3, 2006: Electronically submit contributed papers not previously published or presented. Each submission must be a 3- to 10-page paper, including an abstract of not more than 150 words. Submission implies that an author will attend WSC '06 to present the paper, and all clearance required for publication of the paper will be obtained by July 15, 2006. Use of one of the following formats is required: Microsoft Word or LaTeX.

June 5, 2006: Contributors will be notified whether or not their paper has been accepted.

July 15, 2006: Authors electronically provide a final manuscript meeting all requirements to the Proceedings Editor.

September 15, 2006: Deadline to electronically submit abstracts for presentations in the Simulation Case Studies track (the submission form will be available August 1), as well as electronic submission of abstracts for presentations in the Poster Session and Ph.D. Student Colloquium. Simulation Case Studies require involvement from an industrial sponsor.

Ph.D. Student Colloquium: The INFORMS Simulation Society invites Ph.D. students to present short research summaries on Sunday afternoon, December 3, 2006. Colloquium presenters also participate in the Poster Session. Nominations for the Ph.D. Colloquium will be solicited in Fall 2006.

Memorial for Professor Perwez Shahabuddin

Paul Glasserman



Perwez Shahabuddin

1962 - 2005

Perwez Shahabuddin, Professor of Industrial Engineering and Operations Research at Columbia University, died tragically on November 16, 2005. He was 43 years old. Perwez was a leading figure in the simulation community and was particularly well-known for his research on rare-event simulation. His work was characterized by rigorous analysis motivated by practical problems arising in reliability, computer and communications performance analysis, and finance. His results typically led to new algorithms that were provably effective, and in many cases asymptotically optimal, as the event of interest becomes ever rarer. He was a dedicated teacher and he contributed his time generously to departmental and professional service.

Perwez's work was recognized with many awards. He earned first prize in the Nicholson competition in 1990; he received an NSF Career

Award in 1996; and won the INFORMS Outstanding Simulation Publication Award in 1996. He was also named an Eminent Engineer by Tau Beta Pi in 1998. He earned the 1997 Distinguished Faculty Teaching Award given by the Columbia Engineering Alumni Association for excellence in teaching undergraduates and the 2004 Great Teacher Award given by the Society of Columbia Graduates. Perwez overcame the obstacle of a lifelong speech impediment with exceptional dedication to his students.

Perwez was departmental editor of Management Science for Stochastic Models and Simulation and also served on the editorial board of Stochastic Models. He had previously served on the editorial boards of the IEEE Transactions on Reliability and the IIE Transactions on Operations Engineering. Perwez was a regular participant at the Winter Simulation Conference, publishing 17 articles in its proceedings and serving as the Track Coordinator for Risk Analysis in 2003.

Perwez had a friendly, gentle and easy-going manner. He was a dedicated scholar and a generous colleague who enjoyed widespread success in his profession. His work will have a lasting influence in the field. Perwez is survived by his wife, Soophia, his daughter Zoha and his son Zain. He is remembered with fondness and respect by his many colleagues and students.

Jack. P.C. Kleijnen receives the 2005 Inform's Simulation Society's Lifetime Professional Achievement Award.



Lee Schruben (left) and Jack P. C. Kleijnen

Professor Jack. P.C. Kleijnen of Tilburg University, the Netherlands, was presented with the Inform's Simulation Society's highest honor, the Lifetime Professional Achievement Award at this year's Winter Simulation Conference, December 4th through 7th in Orlando Florida. Unrelated to this award, there was a special research track in tribute to Professor Kleijnen at the Conference, where he was further recognized by being a speaker at the Titan's of Simulation honorary assembly.

Professor Kleijnen has excelled in many of the criteria that are qualifications for this award and made significant contributions to the field of simulation and in other areas for more than 40 years. His published work includes 6 books and almost 200 papers, many receiving awards. Jack was described in one of the nomination's supporting letters as "a true pioneer in simulation research". Another endorsement letter said:

"keeping track of Jack Kleijnen's research is close to a fulltime job."



Professor Kleijnen has also distinguished himself in his service to the profession. Jack is the only person in recent memory to have received an *Operations Research* Meritorious Service Award two years in a row for his editorial and refereeing work - in two different areas!

All the writers of supporting letters mentioned Professor Kleijnen's direct and personal influence on their careers. One of Jack's most notable traits is his consistent energy and infectious enthusiasm for simulation. As noted in one letter, Jack has a "downright charming and genuine fascination with new ideas." All who know Jack will agree with the remark in another supporting letter that points to Jack's constant level of enthusiasm and prolific work both within simulation and in other areas, calling him simulation's "great ambassador".

Deborah A. Sadowski Receives 2005 Distinguished Service Award



Deborah Sadowski received the I-Sim Distinguished Service Award for 2005 at WSC 2005. Here are excerpts from the remarks made by Barry Nelson at the I-Sim business meeting:

“Deborah A. Sadowski is an ideal and deserving choice for the INFORMS Simulation Society’s Distinguished Service Award. As a principal in the Systems Modeling Corporation, and later Rockwell Software, Deb was instrumental in the development of

the very popular Arena simulation environment, including her contributions to the textbook *Simulation with Arena* (McGraw-Hill): coauthored with W. David Kelton and Randall P. Sadowski (1st and 2nd editions). While it might be argued that this was her job, Deb has always been as much an ambassador for simulation as she has been for her company and its products. She has educated numerous new and experienced simulation users, and has helped to grow the field.

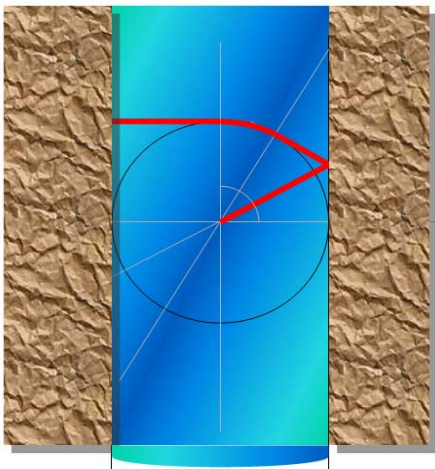
Deb has also had longstanding service to the Winter Simulation Conference, including the following positions:

- Exhibits chair 1990
- Business chair 1991
- General chair 1994
- IEEE Computer Society representative to Board of Directors (secretary, vice president, president), 1996-present.

Deb’s unique role in the conference has been as an unofficial liaison between the academic, practitioner and vendor communities. This has been an essential and critical role as the conference has had to evolve to meet the needs of all three constituencies. A sign of her dedication to WSC is that Deb has always put the good of the conference as her highest priority.”

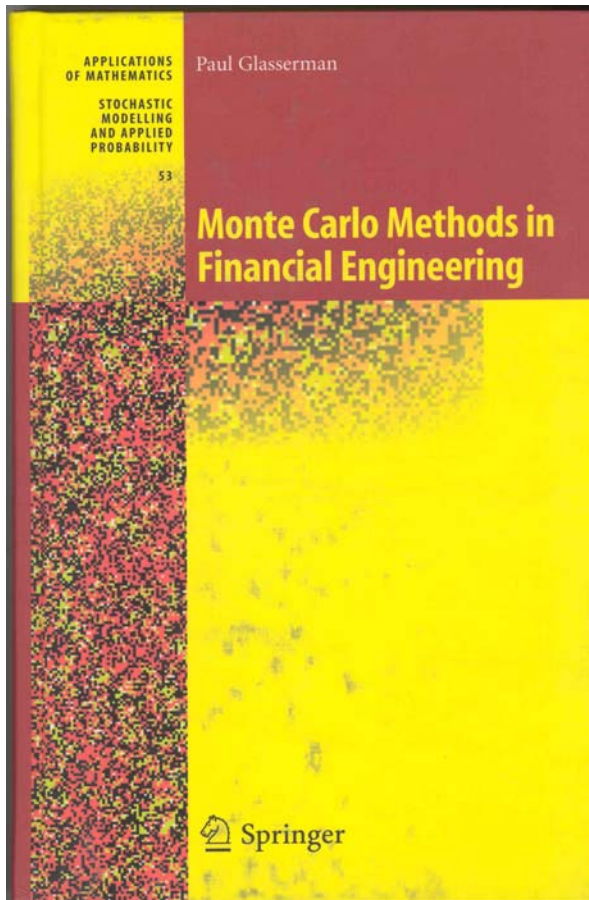
The Puzzle Answered

Seong-Hee Kim



Swim straight $2/\sqrt{3}$ miles toward any direction from the starting point. Change the swimming direction by 120° and swim straight exactly $1/\sqrt{3}$ mile. Then swim $\pi/6$ mile making a circle of radius 1 mile. If you have not reached the land yet, swim straight. Then you will hit the land. The worst case swimming distance of this strategy is $(\sqrt{3} + \pi/6 + 1)$ miles.

Paul Glasserman Receives 2005 Outstanding Simulation Publication Award



To recognize outstanding contributions to the simulation literature, the INFORMS Simulation Society annually sponsors an Outstanding Simulation Publication Award. Journal articles, proceedings papers, books, and monographs copyrighted in 2002-2004 are eligible for the award presented in 2005.

Here are excerpts from the award citation by Leyuan Shi, read by Russell Barton at the WSC 2005 I-Sim business meeting:

“On behalf of the award committee, David Kelton, Peter Haas, and me, I am pleased to present this year’s award to Paul Glasserman for his book, *Monte Carlo Methods in Financial Engineering*.

The book contains a thorough and insightful account of major topics in simulation while capturing the reader’s attention by staying close to the motivating stochastic models in financial engineering. It gives extensive coverage of cutting-edge ideas, disseminating new ideas to practitioners and guiding researchers to open problems. Eminently practical, full of algorithms and attention to efficient implementation, the book is a valuable resource to financial engineering researchers and practitioners who want to improve their simulations; at the same time, it inculcates good habits by demonstrating sound evaluation of efficiency and convergence. Simulation has its rivals as a computational methodology in financial engineering, but this book enhances simulation’s status as an indispensable tool in the field, showing simulation at its intuitive, flexible, and powerful best.

The award committee was very impressed by the book’s clarity of exposition that bridges financial engineering and the Monte Carlo method. *Monte Carlo Methods in Financial Engineering* is precisely the kind of fundamental contribution that the Outstanding Simulation Publication Award was designed to honor.”

WSC '05 Proceedings Papers Now Online

The officers and members of the INFORMS- Simulation Society are pleased to announce that the full text of every paper presented at the 2005 Winter Simulation Conference (WSC) is now freely available from the Society website, <http://www.informs-sim.org>, along with the papers presented at WSC '97 through WSC '04.

Early Newsletter Now Online

Thanks for Barry Nelson’s help to put all the early newsletters online, and now you can access to all the these issues at <http://www.informs-sim.org>.

Call for Nominations: 2006 Lifetime Professional Achievement Award

The Lifetime Professional Achievement Award (LPAA) of the Institute for Operations Research and the Management Sciences (INFORMS) Simulation Society is the highest honor given by the Society. The purpose of this award is to recognize major contributions to the field of simulation that are sustained over a professional career, with the critical consideration being the total impact of those contributions on computer simulation. Recipients of the LPAA include: Jack Kleijnen, George Fishman, Robert Sargent, Tom Schriber, Alan Pritsker, and Julian Reitman. An individual's contributions may fall in one or more of the following areas:

- Contributions to research
- Contributions to practice
- Dissemination of knowledge
- Development of software or hardware
- Service to the profession,
- Advancement of the status or visibility of the field

Given at most once a year, this award consists of a plaque and reasonable travel expenses incurred by the recipient when attending the presentation ceremony. The presentation will be made at the 2006 Winter Simulation Conference to be held in Monterey, California on December 3 through 6, 2006.

Anyone is eligible to be nominated for the award, and the award may be given posthumously. Nominations may be submitted by anyone (including self-nominations), but they may not be made anonymously. The nominator is responsible for offering evidence of merit. This should include:

- A letter of nomination that includes a clear-cut, comprehensive description of the nominee's major contributions to the profession, with complete supporting documentation
- At least three additional letters of endorsement providing evidence of the significance and magnitude of the nominee's professional achievements
- The nominee's complete current resume'

Nominations for this award must be received **no later than September 1, 2006**. Send completed nominations, including all supporting letters and documentation, **in the form of pdf files** attached to a single e-mail to

Professor George Fishman
Chair of the LPAA Selection Committee
E-mail address: gfish@email.unc.edu

Call for Nominations: 2006 Distinguished Service Award

To recognize individuals who have provided longstanding, exceptional service to the simulation community, the Institute for Operations Research and the Management Sciences Simulation Society (INFORMS-Sim, www.informs-sim.org) has established its Distinguished Service Award, which may be given to at most one person annually. Sustained service to the simulation community should extend over a period of 15 to 20 years or longer and be acquitted with distinction. The concept of service for this award does not include teaching or research contributions. Areas of volunteer service include, but are not limited to, the following:

1. Elected offices in simulation societies;
2. Editorial responsibilities for simulation such as department editor, area editor, and editor-in-chief;
3. Conference responsibilities involving simulation such as program chair, proceedings editor, general chair, and membership in the organizing or program committee;
4. Appointed positions for simulation-related activities such as serving on committees and being a newsletter editor; and
5. Undertakings and actions that promote simulation in the "larger community."

Nominations for the Distinguished Service Award can be made by anyone and are made by sending a letter of

nomination to the chair of the award selection committee by September 1, 2006. Letters of nomination should identify the nominee's areas of exceptional service, detailing the activities for which the nominee is believed to deserve this award. The nominee's current vita must be included with the nomination letter. The individual(s) making the nomination have the primary responsibility for justifying why the nominee should receive this award. If given, the award will be presented in December at the 2006 Winter Simulation Conference in Monterey, CA: www.wintersim.org.

A list of past winners of the award can be found at www.informs-sim.org/dsawin.html.

Nominations should be sent to the Chair of the Distinguished Service Award Committee:

Professor Dave Goldsman
School of Industrial and Systems Engineering
Georgia Institute of Technology
755 Ferst Ave.
Atlanta, GA 30332
Phone: (404) 894-2365
Fax: (404) 894-2301
E-mail: sman@isye.gatech.edu

This address is sufficient for next-day delivery services.

Call for Nominations: 2006 Outstanding Simulation Publication Award

To recognize outstanding contributions to the simulation literature, the INFORMS Simulation Society annually sponsors an Outstanding Simulation Publication Award. Nominations for the award to be given in 2006 should be sent by October 1, 2006, to the Award Committee Chair:

Peter J. Haas
IBM Almaden Research Center K55/B1
650 Harry Road
San Jose, CA 95120-6099
Tel: 408/927-1702
Fax: 408/927-3215
E-mail: peterh@almaden.ibm.com

Anyone is eligible to win the award. Journal articles, proceedings articles, books, book chapters, and monographs copyrighted in 2002, 2003, 2004 and 2005 are eligible for the award. Technical reports, research

memoranda, working papers, theses, and dissertations are not eligible. Nominations for the award may be made by anyone, including the author(s), but they may not be made anonymously.

Nominations should include:

- A copy of the written work, including all bibliographical information (in the case of books, the Awards Committee will obtain copies);
- A short statement suitable for reading at the award ceremony if the work is chosen; and
- Any other information thought relevant by the nominator.

If given, the Outstanding Simulation Publication Award will be presented at the Winter Simulation Conference, Monterey, CA, December 3-6, 2006. A list of previous winners is available on the www site: <http://www.informs-sim.org/pubwinn.html>

James R. Wilson Receives Board of Directors' Award for Distinguished Service



It is *possible* that no other individual has contributed more to WSC than Jim; it is *certain* that no one cares more passionately about the conference than he does. Jim has had formal roles as *Proceedings* Editor; Associate Program Chair; Program Chair; and member of the Board of Directors. But more importantly, he has also provided countless hours of unrecognized aid and assistance to numerous conference committees.

In fact, Jim has done so much that even our Board of Directors Award is inadequate appreciation. Therefore, future recipients of this award will receive the renamed James R. Wilson Board of Directors Award for Distinguished Service, in honor of Jim's untiring efforts.

The following remarks were made by Barry Nelson, in presenting a special WSC Board of Directors Award for Distinguished Service to James Wilson.

"The Winter Simulation Conference Board of Directors will, from time to time, choose to recognize individuals or organizations that have provided exceptional service to the conference by giving them the Board of Directors' Award for Distinguished Service. This year we are pleased to present the Award to our former Board colleague, James R. Wilson.

Before I hand Jim his award, I want to share just one more slide, which was part of our "roast" of Jim when he retired from the Board last year. This slide captures Jim's unrecognized service, as the real-life Mr. Incredible who has saved the conference many times and in many ways."

James R. Wilson, Robert G. Sargent and Barry Nelson become INFORMS Fellows



James R. Wilson (left), Robert G. Sargent and Barry Nelson(Right)

The INFORMS Fellows Award recognizes members who have made significant contributions to the advancement of operations research/management science, including contributions to the field and to the Institute. This year, James R. Wilson, Robert G. Sargent and Barry Nelson are elected as INFORMS Fellows.

See <http://www.informs.org/article.php?id=211> for more details on the awards.

Report on ACM Transactions on Modeling and Computer Simulation

Jim Wilson, Editor-in-Chief of ACM Transactions on Modeling and Computer Simulation, 26 February 2006

Here is an updated summary of the editorial activities of the ACM Transactions on Modeling and Computer Simulation (TOMACS) for the period January 1, 2005 - December 31, 2005:

Papers submitted 55
 # Papers accepted 16
 # Papers rejected 32
 # Papers withdrawn 6

Papers submitted 13
 # Papers accepted 5
 # Papers rejected 10
 # Papers withdrawn 0

Currently 29 papers are in review. For complete information on TOMACS, visit

www.linklings.net/tomacs/journal_info.html

For the period January 1, 2006 -- February 26, 2006, the corresponding figures are:

on the Web.

Report on the Simulation Area of INFORMS Journal on Computing

Susan Sanchez, Simulation Area Editor, March 8, 2006

The Simulation Area is interested in research in all computational aspects of 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, optimization, variance-reduction methods for simulation experiments, and other aspects of simulation modeling, experimentation, and analysis. Tutorials and applications in the above areas that are comprehensive and integrate from multiple sources are also welcome.

Complete instructions for authors are available at <http://joc.pubs.informs.org>. Electronic submissions (preferably in .PDF format) should be sent to

Susan M. Sanchez
 Simulation Area Editor, INFORMS JOC
ssanchez@nps.edu
 Operations Research Department
 273 Glasgow Hall
 Naval Postgraduate School
 Monterey, CA 93943-5219
 831-656-2780 (phone)
 831-656-2595 (fax)

Since the Fall 2005 newsletter, there have been five new submissions and three resubmissions. Three papers have been accepted and two papers have been rejected. Four papers are with the authors for revision, and five are under review.

The Associate Editors are Paul Fishwick (University of Florida), Marvin Nakayama (New Jersey Institute of Technology), and Leyuan Shi (University of Wisconsin-Madison).

Report on the Stochastic Models and Simulation Department for *Management Science*

Michael Fu, Departmental Editor, March 1, 2006

Department's Editorial Objectives: We are interested in innovative modeling and methodological contributions that have relevance to the current theory and practice of management science, or have potential to be relevant in the future. A more detailed statement may be found at

<http://mansci.pubs.informs.org/statements.html#stochastic>

Submission: Manuscripts may be submitted online at
<http://mc.manuscriptcentral.com/ms>

Manuscripts under submission prior to 2006 are being handled by Wally Hopp, the Editor-in-Chief, with the exception of those papers having co-authors affiliated with Northwestern University, which I will be handling.

From January 1 through February 28, there were 4 new submissions to the department.

One was rejected, and the other three are under review.

Associate Editors: (starting January 2006)

Rene Caldentey, New York University

Enver Yücesan, INSEAD

Sandeep Juneja, Tata Institute of Fundamental Research

Steven Kou, Columbia University

Erica Plambeck, Stanford University

Leslie Servi, MIT Lincoln Laboratory

Michael Fu

Decision & Information Technologies Department

Robert H. Smith School of Business

University of Maryland

College Park, MD 20742-1871

E-mail: mfu@rhsmith.umd.edu

Phone: (301) 405-2241

FAX: (301) 405-8655

Report on the Simulation Area for Operations Research

Michael Fu & Shane G. Henderson, Operations Research Simulation Area Editor February 20, 2006

Activity in the Simulation Area of Operations Research (Oct. 14, 2005 to Dec.31, 2005)

For the period specified, there were 2 new submissions and 1 resubmission.

For decisions on manuscripts made during the period, there were 4 rejections, 3 revise/resubmit recommendations, and 0 acceptances. Of the 7 decisions made during the period, 6 were timely (under 3 months), 1 was late (3 to 6 months) and 0 very late (over 6 months).

The Associate Editors in the Simulation Area who finished their terms at the end of 2005 were Sigrun Andradottir, Peter Haas, Jian-Qiang Hu, Sheldon Jacobson, and Jack Kleijnen.

I thank them for their dedicated and conscientious service. They will continue to handle any papers still in process begun by them as AE. At present, there are 2 manuscripts under review with them, both of which are very late (over 6 months). There are also 5 manuscripts with authors, who presumably will revise and resubmit.

For all of 2005, there were 15 new submissions, compared with 7 new submissions for the year before (2004).

Michael Fu, past Operations Research Simulation Area Editor

Activity in the Simulation Area of Operations Research (Jan 1, 2006 to Feb 20, 2006)

Simulation has evolved into a mature discipline that is now one of the most widely used techniques in Operations Research. The **Simulation** area supports the field's continuing growth by publishing significant work in simulation modeling, methodology and applications that advance the knowledge and practice of simulation.

The maturity of the simulation area suggests that the key growth areas are in its interfaces with other methodological and application areas. Accordingly, in addition to the traditional areas of random object generation, estimation, efficiency improvement, verification, validation and accreditation, output analysis, sensitivity and uncertainty analysis etc., 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.

When preparing a paper for the simulation area, authors are encouraged to clearly describe, for a general OR audience, the contributions of the paper. Methodology papers should have broad applicability, and explain both the need for, and the use of, the new methodology. Papers that deal with a significant application area must be more than just a well-executed simulation study of a particular problem. They should emphasize aspects that can be adapted to many problems within the application domain, and/or more widely. Any empirical work should be sufficiently well described that the results can be repeated up to sampling error, perhaps with the aid of an online companion for complicated models.

Please submit papers electronically via the Manuscript Central O.R. Web site (<http://mc.manuscriptcentral.com/opre>) and *not* directly to the Area Editor.

For the period specified, there were 2 new submissions and no resubmissions. There were no decisions made on manuscripts for this period.

The Associate Editors in the Simulation Area are Stephen E. Chick, Peter Haas, Tito Homem-de-Mello and Seong-Hee Kim.

Shane Henderson, Operations Research Simulation Area Editor

INFORMS Simulation Society E-mail Directory

E-mail listings for Simulation Society members that allow their names to be published are available electronically at the WWW site: <http://www.rit.edu/~mekeie/icsemail.html>

The list is created automatically by querying the INFORMS registration database. You can update your

membership information via <http://www.informs.org/members.html>. If you have questions or difficulties, please contact Seong-Hee Kim (see cover for contact details). If you are unsure whether or not your membership is current, contact Shane Henderson (see cover for contact details) for confirmation

Event Calendar

Seong-Hee Kim, Associate Newsletter Editor, February 28, 2006

This is the event calendar as it appears in the Newsletter, See [Conferences and Workshops](#) for the regularly updated calendar of the I-Sim Society site.

The 3rd Annual CIO Forum: CIO Impacts Forum, Covell Commons, UCLA, California, February 7, 2006. WWW: <http://www.cio-conference.ucla.edu/2006>

The 1st Pacific Rim International Workshop on Electronic Commerce (PRIWEC 2006), Tokyo, Japan, March 27 – 28, 2006. WWW: <http://www.toralab.ics.nitech.ac.jp/PRIWEC2006/>

Operational Research Society (UK) Simulation Study Group 3rd Simulation Workshop (SW06), Wes Midlands, England, March 28 – 29, 2006. WWW: http://www.theorsociety.com/conf/simulation2006/simulation2006_main.htm

The 8th INFORMS Telecommunications Conference, Dallas, Texas, March 30 – April 2, 2006. WWW: <http://telecom.section.informs.org/conference/>

ABS: Agent-Based Simulation Conference, New York, April, 2006. WWW: <http://www.scs-europe.net/conf/>

2006 Spring Simulation Multiconference (SpringSim '06), Huntsville, Alabama, April 2 – 6, 2006. WWW: <http://www.scs.org/confernc/springsim/springsim06/cfp/springsim06.htm>

2006 Spring Simulation Interoperability Workshop, Huntsville, Alabama, April 2 – 7, 2006. WWW: <http://www.sisostds.org/index.php?tg=articles&idx=More&article=331&topics=8>

EUROMEDIA 2006, Athens, Greece, April 17 – 19, 2006. WWW: <http://biomath.ugent.be/~eurosis/conf/euromedia/euromedia2005/index.html>

Wireless Telecommunications Symposium 2006, Pomona, California, April 27 – 29, 2006. WWW: <http://www.csupomona.edu/~wtsti/>

2006 INFORMS Conference on OR/MS Practice (Applying Science to the Art of Business), Miami, Florida, April 30 – May 2, 2006. WWW: <http://www.informs.org/Conf/Practice06/>

2006 BRIMS Conference, Baltimore, Maryland, May 15 – 18, 2006. WWW: <http://www.sisostds.org/index.php?tg=articles&idx=More&article=332&topics=4>

The 2006 IIE Annual Conference and Exposition, Orlando, Florida, May 20 – 24, 2006. WWW: <http://www.iienet.org/annual/>

The 2006 Simulation Solutions, Orlando, Florida, May 20 – 24, 2006. WWW: <http://www.simsol.org/>

Conference of the International Association for Management of Technology (IAMOT) 2006, Beijing, P.R. China, May 22 – 26, 2006. WWW: www.iamot.org

The 20th ACM/IEEE/SCS Workshop on Principles of Advanced and Distributed Simulation (PADS 2006), Singapore, May 23 – 26, 2006. WWW: <http://pdcc.ntu.edu.sg/pads2006/>

The 17th IASTED International Conference on Modelling and Simulation (MS 2006), Montreal, Quebec, Canada, May 24 – 26, 2006. WWW: <http://www.iasted.org/conferences/2006/Montreal/ms.htm>

WEA 2006: The 5th International Workshop on Experimental Algorithms, Menorca Island, Spain, May 24 – 27, 2006. WWW: <http://www.lsi.upc.edu/~wea/>

SimTecT 2006, Melbourne, Australia, May 29 – June 1, 2006.
WWW: <http://www.siaa.asn.au/simtect/2006/2006.htm>

The 20th European Simulation Multiconference (ESM), Bonn, Germany, June, 2006. WWW: <http://www.scs-europe.net/conf/>

ISC 2006 (The 4th Annual International Industrial Simulation Conference), Palermo, Italy, June 5 – 7, 2006. WWW: <http://biomath.ugent.be/~eurosis/conf/isc/isc2006/>

INFORMS Marketing Science Conference, Pittsburgh, Pennsylvania, June 8 – 10, 2006. WWW: <http://www.katz.pitt.edu/mks2006>

The 11th M&SOM Conference, Georgia Institute of Technology, Atlanta, Georgia, June 19 – 20, 2006. WWW: <http://www2.isye.gatech.edu/msom2006/>

2006 European Simulation Interoperability Workshop, Stockholm, Sweden, June 19 – 22, 2006. WWW: <http://www.sisostds.org/index.php?tg=articles&idx=More&article=378&topics=9>

The 16th International Flexible Automation and Intelligent Manufacturing (FAIM) Conference, Limerick, Ireland, June 25 – 27, 2006, in cooperation with University of Limerick. WWW: <http://www.ul.ie/faim2006/>

INFORMS Hong Kong International 2006, Hong Kong, China, June 25 – 28, 2006. WWW: <http://www.informs.org/Conf/Hongkong06>

The 2nd International Workshop on Business Service Networks (BSN '06) and 2nd International Workshop on Service oriented Solutions for Cooperative Organizations (SoS4Co '06), San Francisco, California, June 26, 2006. WWW: <http://elab.njit.edu/bsnsos4c>

The 3rd IEEE International Workshop on Mobile Commerce and Wireless Services (WMCS '06), San Francisco, California, June 26, 2006. WWW: <http://www.wmcs2006.org/>

The 15th IASTED International Conference on Applied Simulation and Modeling (ASM 2006), Rhodes, Greece, June 26 – 28, 2006. WWW: <http://www.iasted.org/conferences/2006/greece/asm.htm>

The 2nd International Workshop on Data Engineering in E-Commerce and Services (DEECS 2006), San Francisco, California, June 26 - 29, 2006. WWW: <http://www.cebt.re.kr/DEEC2006/>

SIAM Annual Meeting, Boston, Massachusetts, July 10 – 14, 2006. WWW: <http://www.siam.org/meetings/an06/>

INFORMS Teaching Management Science Workshop 2006, San Francisco, California, July 13 – 16, 2006. WWW: <http://www.informs.org/Edu/TMSWorkshop/TMS06/>

INFORMS Military Applications Society Conference, Mystic, Connecticut, July 24 – 26, 2006. WWW: <http://military-appl.society.informs.org>

2006 International Symposium on Performance Evaluation of Computer and Telecommunication Systems (SPECTS '06), Calgary, Canada, July 31 – August 2, 2006. WWW: <http://www.scs.org/confernc/summersim/summersim06/cfp/spects06.htm>

2006 Summer Simulation Multiconference (SummerSim '05), Calgary, Canada, July 31 – August 2, 2006. WWW: <http://www.scs.org/confernc/summersim/summersim06/summersim06.htm>

Training, Education and Simulation International (TESI) 2006, Maastricht, Netherlands, September 1 – 3, 2006. WWW: <http://www.tesi.co.uk/>

The 6th IASTED International Conference on Modelling, Simulation, and Optimization (MSO 2006), Gaborone, Botswana, September 11 – 13, 2006. WWW: <http://www.iasted.org/conferences/2006/botswana/mso.htm>

2006 IEEE International Conference on Web Services (ICWS 2006), Chicago, Illinois, September 18 – 22, 2006. WWW: <http://conferences.computer.org/icws/2006/>

International Conference on e-Business Engineering (ICEBE 2006), Shanghai, China, October 24 – 26, 2006. WWW: <http://www.mis.coventry.ac.uk/research/dsm/icebe06/>

INFORMS Annual Meeting 2006, Pittsburgh, Pennsylvania, November 5 – 8, 2006. WWW: <http://www.informs.org/Conf/Pittsburgh06>

WSC 2006: Winter Simulation Conference, Monterey, California, December 3 – 6, 2006. Contact: David Nicol E-mail: wsc06gc@gmail.com WWW: <http://www.wintersim.org>

INFORMS SIMULATION SOCIETY BALLOT: SPRING 2006

The following amendment to the Bylaws has been proposed, discussed and approved for membership vote at the November 2005 and December 2005 business meetings of the INFORMS Simulation Society. It changes two longstanding ad hoc committees into standing committees of the Society. For it to pass, it must be voted on by at least 15% of the Society and approved by at least 2/3 of those voting. These changes are supported by the I-Sim officers and Council.

Article V Section 1, *Proposed Addition*:

- F. A Ph.D. Colloquium Committee to organize and conduct the Ph.D. Colloquium at the Winter Simulation Conference. Unless a procedure for appointing members to this committee is established by the membership, this committee shall consist of three Society members appointed by the President and whose term shall coincide with the President's term.
- G. A Committee for Underrepresented Minorities and Women to promote Society membership by underrepresented minorities and women.

Vote to approve these changes to the Bylaws (If you support only one, write in which one):

- ☐ Yes
 - ☐ No
-

Candidates for Office

Candidate bios/statements are available on the website. Candidates are listed in alphabetical order for each office. Terms of office will commence on July 1, 2006.

Candidates for Vice-President / President-Elect: vote for 1

- ☐ John Fowler
- ☐ Michael Kuhl

Candidates for Secretary: vote for 1

- ☐ Nilay Argon
- ☐ Roberto Lu

Candidates for Treasurer: vote for 1

- ☐ Tito Homem-de-Mello
- ☐ Seong-Hee Kim

Candidates for Council: vote for 2

- ☐ Chun-Hung Chen
- ☐ Russell Cheng
- ☐ Gary Horne
- ☐ J.O. Miller
- ☐ Michael Pidd

Return ballots as soon as possible, but no later than April 30, 2006 to the nominating committee chair:

Susan M. Sanchez
ssanchez@nps.edu
fax: 831-656-2595

Operations Research Dept, 239 Glasgow
Naval Postgraduate School
Monterey, CA 93943-5219

INFORMS SIMULATION SOCIETY

CANDIDATES FOR OFFICE, SPRING 2006

JOHN FOWLER (Candidate for Vice President / President-Elect)

John W. Fowler is a Professor in the Industrial Engineering Department at Arizona State University. Prior to his current position, he was a Senior Member of Technical Staff in the Modeling, CAD, and Statistical Methods Division of SEMATECH. He received his Ph.D. in Industrial Engineering from Texas A&M University. His research interests include modeling, analysis, and control of manufacturing and service systems. John is an Area Editor for *SIMULATION: Transactions of the Society for Modeling and Simulation International*, Area Editor for *Computers and Industrial Engineering*, Associate Editor of *IEEE Transactions on Electronics Packaging Manufacturing*, and on the Editorial Board of the *Journal of Simulation*. He serves on the Board of Directors of the Winter Simulation Conference and as the Student Chapters Representative on the INFORMS Subdivisions Council. He recently served on the PhD Colloquium Committee and the Committee on Underrepresented Women and Minorities for the INFORMS Simulation Society and will be the Program Chair for WSC08. His email address is <john.fowler@asu.edu>.

Statement: Through the tireless efforts of many, the INFORMS College on Simulation recently became the INFORMS Simulation Society. If elected, one of my main priorities will be to keep our membership at the level (500 active members) that will allow us to maintain Society status. Specifically, I will look for ways to increase our student membership and our membership from outside the US. In addition, I will work to increase our influence within INFORMS. If my very worthy opponent is elected, I pledge to work with him on the items mentioned above and his initiatives to promote I-Sim and the simulation profession.

MICHAEL KUHL (Candidate for Vice President / President-Elect)

Michael Kuhl is an Associate Professor and Graduate Program Coordinator in the Industrial & Systems Engineering Department at Rochester Institute of Technology. From 1997 to 2001, he was a faculty member in the Department of Industrial and Manufacturing Systems Engineering at Louisiana State University. His research interests include input modeling for simulation, and modeling and analysis of complex systems with applications to health care, manufacturing, and cyber security. He received a B.S. in Industrial Engineering (1992) from Bradley University. He did his graduate work at North Carolina State University, receiving an M.S. in Industrial Engineering and Operations Research (1994) and a Ph.D. in Industrial Engineering (1997). He is a member of the Editorial Board of *IIE Transactions*. Since 1992, he has actively supported the Winter Simulation Conference (WSC) through attending, contributing and presenting papers, participating in the Ph.D.-Student Colloquium, and serving WSC as session chair, track coordinator, and *Proceedings* Co-editor (WSC '05). He has also been an active member of the INFORMS Simulation Society, serving as Associate *Newsletter* Editor; and currently he serves on the Membership Committee and is Chair of the Communications Committee.

Statement: As a researcher and educator, I am interested in advancing the frontiers of simulation methodology and applications; and I am dedicated to teaching and promoting simulation with today's students, who represent the future of the field. My objectives for the INFORMS Simulation Society would be to continue its strong leadership in the dissemination of simulation technology through the Winter Simulation Conference, INFORMS Conferences, and archival journals. In addition, I would encourage the active involvement of all current members of the Society while promoting substantially expanded membership worldwide, with special emphasis on increased student membership. I strongly support the Society's awards program as well as its continued sponsorship of the Ph.D. -Student Colloquium at WSC. I also believe that the Society should increase its support for the Simulation Archive. In summary, I am committed to the continued advancement of the INFORMS Simulation Society, and I will do my best to promote all its activities throughout the global simulation community.

NILAY ARGON (Candidate for Secretary)

Nilay Tanik Argon is Assistant Professor of Industrial and Systems Engineering at the University of Wisconsin-Madison. She received her B.S. and M.S. degrees in Industrial Engineering from the Middle East Technical University (METU), Ankara, Turkey, in 1996 and 1998, respectively. She continued her graduate studies in the School of Industrial and Systems Engineering, Georgia Institute of Technology, Atlanta, GA, USA, where she received her M.S. degree in Operations Research in 2000 and her Ph.D. degree in Industrial Engineering in 2002. Her primary research interests are applied probability and simulation output analysis. She has been a member of INFORMS since 2001. http://www.engr.wisc.edu/ie/faculty/argon_nilay.html.

ROBERTO F. LU (Candidate for Secretary)

Roberto F. Lu received his bachelor's degree in Materials Science from Feng Chia University in Taichung, Taiwan (1985), 1st master's degree in Mechanical Engineering from Marquette University in Milwaukee, Wisconsin (1989), 2nd master's degree in Industrial and Systems Engineering from Virginia Tech in Blacksburg, Virginia (1994), and 3rd master's degree in Industrial Engineering from University of Washington in Seattle, Washington (2004). He has been enrolled in the industrial engineering Ph.D. program at the University of Washington in Seattle, Washington since 2003, while working full time at The Boeing Company.

He is an Associate Technical Fellow with the Commercial Airplane Material and Process Technology group at The Boeing Company in Seattle, Washington, USA. At Boeing, he has been conducting job-shop, logistics, continuous flow, and large-scale system integration-related simulation modeling projects, fabrication shop material and process improvements, as well as researching process optimizations. He has presented his work at professional conferences, focusing upon discrete event simulation modeling, analytical process optimization, lean manufacturing, and robotic applications. He is a licensed and registered professional engineer. His professional career prior to Boeing includes experience in machine vision integrated robotic automation, product tooling development, product GD&T establishment and inspection, non-destructive testing in UT and RT, metallurgical spectrographic analysis, and manufacturing statistical quality control at the Pilkington North America Libbey-Owens-Ford company and the Internet-New River Castings company.

Mr. Lu, P.E. is a senior member of IIE, a member of INFORMS, SAE, ASME, a member of the US National Industrial Engineering PE Exam committee, and an inaugural member of the International Institute of Mass Customization.

Statement: It will be my pleasure and honor to serve the INFORMS community at large in the capacity as the Secretary of the Simulation section. I was the Secretary and later became the president of the Boeing Visual Studio.Net User Group (VSNUG). I was very fortunate to have the opportunity to serve 400 – 500 VSNUG members and to host conferences that broadcasted to up to 17 different Boeing sites across the nation to totally more than 2000 participants. I kept up with all meeting minutes, maintained group web sites, sent notices to all members, coordinated events with internal and external parties, and performed other needed duties and reports. Thus, if I were having the honor to serve as the Secretary, I am confident that I will be a positive contributor to the Simulation section of the INFORMS. Thanks!

TITO HOMEM-DE-MELLO (Candidate for Treasurer)

Tito Homem-de-Mello is an Associate Professor in the Department of Industrial Engineering and Management Sciences at Northwestern University. He received his PhD degree in Operations Research from the Georgia Institute of Technology in 1998. His current research interests include stochastic optimization, simulation analysis methodology, and stochastic models for revenue management. He is currently an Associate Editor for *ACM Transactions on Modeling and Computer Simulations* and for *Operations Research*. His e-mail and web addresses are tito@northwestern.edu and <http://users.iems.northwestern.edu/~tito/>.

Statement: I will be pleased to serve as a Treasurer of the INFORMS Simulation Society. I see this as a great opportunity to get more involved in the simulation community and to help the Society grow.

SEONG-HEE KIM (Candidate for Treasurer)

Seong-Hee Kim is an Assistant Professor in the School of Industrial and Systems Engineering at the Georgia Institute of Technology. She received her Ph.D. in Industrial Engineering and Management Science from Northwestern University in 2001. Her research interests include ranking and selection, quality control, and simulation output analysis. She is a member of INFORMS and IIE. She is currently a member of the editorial board of the Simulation Department of IIE Transactions. She is also an associate editor in the simulation area of Operations Research and OR/simulation area of The American Statistician.

Statement: It has been my pleasure to serve as I-Sim Newsletter Associate Editor for last two years and will be pleased to continue my contributions to the society as a Treasurer.

CHUN-HUNG CHEN (Candidate for Council)

Professor Chun-Hung Chen received his Ph.D. degree in Engineering Sciences from Harvard University. Dr. Chen is an Associate Professor of Systems Engineering & Operations Research at George Mason University, Fairfax, VA. He was an Assistant Professor of Systems Engineering at the University of Pennsylvania, Philadelphia, PA, before joining GMU. His research interests include stochastic systems modeling and simulation, optimization, network management, and systems design under uncertainty. Sponsored by NSF, NASA, and FAA, Dr. Chen has recently worked on several critical issues in aviation, such as runway slots auction, in the analysis and management of the US air traffic network. Dr. Chen won the 1994 Harvard University Eliahu I. Jury Award for the Best Thesis in the field of Control. He is one of the recipients of the 1992 MasPar Parallel Computer Challenge Award. Dr. Chen is an IEEE senior member and is listed in Who's Who in America, Who's Who in Science and Engineering, and Who's Who in American Education. He is the proceedings co-Editor of the 2002 Winter Simulation Conference, Analysis Methodology Track coordinator for 2003 and 2004 WSC. Dr. Chen served as the Treasurer of the Inform Simulation Society since 2004. If elected, Dr. Chen will promote the use of simulation for problem solving and continue to enhance the interaction between simulation industry and academia.

RUSSELL CHENG (Candidate for Council)

Russell Cheng is presently Professor of Operational Research (OR) and Head of the OR Group in the School of Mathematics, University of Southampton, United Kingdom. He obtained an MA from Cambridge University, and a PhD from University of Bath. He was previously Deputy Director of the Institute of Mathematics and Statistics and Head of Management Science at the University of Kent at Canterbury. Additionally he has held visiting appointments in the Dept of OR and Systems Analysis, UNC. and in the Dept of Mathematics and Statistics, Simon Fraser University, Vancouver. He is author of over 100 publications on: Design and Analysis of Simulation Experiments, Non-standard Parametric Estimation, Computer Generated Graphics, Optimal Control of Industrial Processes, and Marine Simulation.

He is a Fellow of the Royal Statistical Society, Fellow of the Institute of Mathematics and Its Applications, Fellow of the British Computer Society and is a past Chairman of the United Kingdom Simulation Society. He is a recent Board Member of EUROSIM, the Federation of Simulation Societies in Europe and was Joint Editor of the IMA Journal of Mathematics Applied in Business and Industry, and then a founding Co-Editor of the IMA Journal of Management Mathematics. He has carried out numerous consultancies and was the Consultant Research Director of Norcontrol Imaging Systems Ltd, a subsidiary of Norcontrol a.s., the largest manufacturer of marine simulators world-wide.

Statement: Simulation is arguably the most used of all OR methods and the INFORMS-Simulation Society (in both its present and previous guises!) has an impressive record for developing and promoting it. It has been particularly strong in North America and its support of the Winter Simulation Conference has done much to make this the premier annual DES meeting worldwide. More recently it is good to see INFORMS spreading its wings with the organisation of global meetings such as 'INFORMS International HK 2006'.

My own connection with INFORMS has mainly been through participation at the Winter Simulation Conference. I have been a regular attender since 1981, and have been an invited speaker and served as session organizer on many occasions. I was the invited keynote speaker for the PhD Colloquium in 1996.

I particularly welcome the globalisation of INFORMS activities. If elected a council member one of my objectives would be to promote the participation of the Society in international events. For instance, the Operational Society of the UK has held in recent years an increasingly successful biennial meeting that has attracted growing interest from INFORMS Simulation Society members. It would be good to develop this interest into a stronger, more structured link.

GARY E. HORNE (Candidate for Council)

Gary E. Horne is the founding member of the Data Farming Team at Referentia Systems Inc. and in the past has served as a research staff member at the Center for Naval Analyses and The MITRE Corporation. He holds a B.S in Mathematics and an M.Ed. in Education from the University of Maryland and a D.Sc. in Operations Research from the George Washington University. He is the originator of the Data Farming methodology and the Director of Project Albert. He has been a member of INFORMS since 1986 and is also a member of MORS and AFCEA. He would be honored to have the opportunity to serve on the council, believing that simulation offers the hope to explore the possibilities inherent in our uncertain world to support our decision makers in quantitative ways as they grapple with difficult questions and require new ways to answer them.

J. O. MILLER (Candidate for Council)

J. O. MILLER, Associate Professor of Operations Research, Director Center for Operational Analysis, Department of Operational Sciences (AFIT/ENS); BS, United States Air Force Academy, 1980; MBA, University of Missouri at Columbia, 1983; MS, Air Force Institute of Technology, 1987; PhD, The Ohio State University, 1997. Dr. Miller's research interests include simulation, ranking and selection, combat modeling, and nonparametric statistics. Tel. 937-255-6565 x4326 (DSN 785-6565 x4326), email: John.Miller@afit.edu.

Position statement: As a council member I will bring my experience from the military simulation community to the Simulation Society board. I have been practicing simulation as a blue suit scientific analyst since early 1987 and more recently on the education side as an associate professor at AFIT (joined the AFIT faculty as an AF officer in Dec 1996 and became an AF civilian faculty member in Oct 2003). I'm a member of the Air Force Modeling and Simulation Education Working Group and currently teach a number of courses in our Combat Modeling curriculum. I look forward to the opportunity to be more involved with INFORMS as a Simulation Society council member and promoting further interactions with the military simulation community.

MICHAEL PIDD (Candidate for Council)

Mike Pidd is Professor of Management Science at Lancaster University Management School (LUMS) in the UK and author of Computer simulation in management science (now in its 5th ed), Tools for thinking (now in its 2nd ed) and editor of Systems modelling: theory and practice: all published by John Wiley. He also serves as Associate Dean (Research) in LUMS and is Chair of the 2008 RAE Panel that will assess Business and Management research in all UK universities. He is active in OR/MS, having served as President of the OR Society in 2000/01. He strongly believes that researchers can learn from practitioners as well as the other way round and his interests sit on the boundary between theory and practice. His current simulation work stresses the need to find ways to harness increasingly powerful hardware and software technologies to improve the practice of simulation. Current research projects include DGHPsim, in which he is working with UK Hospitals and the Department of Health to devise simulations of whole hospital performance to find ways to improve the provision of hospital-based healthcare.



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