

Institute for Operations Research and Management Services

NEWSLETTER

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President's Message

I never thought my despotic reign would come to an end, but it's now Jeff Tew's turn to take over as President of the College for the next two years. To this end, in this issue of the Newsletter, you will find a ballot for new officers of the College (on the back cover). Please fill it out and return it to me by August 15, 1996. (I'm crossing my fingers that the Olympic activity in Atlanta will not interfere too much with the mail!)

I always like to thank people whose efforts have really helped out the College : Jeff Tew served ably as Vice President the last two years; his duties included arranging excellent sessions at the various national INFORMS meetings. Treasurer Sheldon Jacobson did a great job watching the coffers and arranging for those succulent snacks at our meetings. Secretary Doug Morrice had the important responsibility of recording all of the goings on at our meetings for posterity. John Charnes was a wonderful Newsletter Editor, putting the Newsletter on line for all the world to see. Diane Bischak helped a lot as Associate Editor and now steps into John's shoes. The new Associate Editor is Russ Barton. Thanks very much, everyone!

The College's various awards committees are always hard at work. Over the last two years,

- The Distinguished Service Award Committee included David Kelton, Dick Nance, Alan Pritsker, and Steve Roberts (the current Chair). Joining the Committee this year is Jim Wilson (the latest recipient).
- The Publication Award Committee was staffed by Luc Devroye, John Fowler, Richard Fujimoto (this year's Chair), and Paul Glasserman. Peter Glynn will come on board this year.
- The Committee on Underrepresented Minorities and Women consisted of Sigrún Andradóttir, Diane Bischak, Darrell Donohue, Jorge Romeu (the current Chair), and Susan Sanchez. Ann Dunkin will join the Committee this year.

The above named individuals served the College admirably, and I cannot thank them enough. Enver Yucesan and Sheldon Jacobson organized two highly successful Ph.D. Colloquia at the two most recent Winter Simulation Conferences. Their efforts are truly appreciated. Marvin Nakayama will take over those duties beginning in 1997.

Dick Nance, Bob Sargent, and Jim Wilson have studied the possibility of a "Lifetime Achievement Award." I thank them very much for their hard work. In this issue of the Newsletter, we have included a copy of their proposal. Please think about the proposal over the next few months; we will discuss it at upcoming meetings. We encourage any exchange of ideas that the membership might have on this type of award.

The dynamic duo of David Kelton and Steve Roberts have served as our WSC Board Representatives. They've done a marvelous job, helping to keep the WSC as one of the pre eminent conferences around. Pierre L'Ecuyer has contributed outstanding service as the Simulation Department Editor of Management Science. Peter Welch designed and maintained our Web page as well as a page for the 1995 WSC; he really devoted time and effort beyond the call of duty.

And finally, thanks to Barry Nelson, Bob Sargent, Bruce Schmeiser, and Jim Wilson for keeping me in line the last two years. Although I'm about to fade into the sunset, I look forward to seeing you at upcoming meetings.

Dave Goldsman President, INFORMS College on Simulation



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Editor's Corner

This issue of the Newsletter is the last under my editorship, but I know that Diane Bischak will run with it well when the editorial baton is passed to her next fall. She has been a great Associate Editor for the past two years, and I wish her and Associate Editor Russ Barton the best of luck in trying to maintain the high standards set by our forebears in this position.

Many of those who have set the precedent are eligible to receive the Lifetime Achievement Award to which Dave refers in his President's Message. Check out the proposal inside and let everyone know what you think of the idea in person at the next business meeting in Atlanta, or by sending e-mail to any College officer.

Kudos to those who have helped with the Newsletter during the past two years: Dave Goldsman, Sheldon Jacobson, Doug Morrice, and Diane Bischak are to be commended for their parts in supplying the regular features of the Newsletter pertaining to college business matters. Other regular contributors have been Jim Wilson, Pierre L'Ecuyer, Barry Nelson, and David Kelton, who have supplied status reports for the Simulation Departments of the leading journals in our field. Thank you all for your alacrity in submitting your reports.

I would also like to thank those who have submitted other interesting items to the Newsletter in the past two years: Sigrún Andradóttir, John Fowler, Paul Glasserman, Peter Glynn, Keebom Kang, Dick Nance, Alan Pritsker, and Susan Sanchez. Your help is greatly appreciated.

If you have anything of interest to college members that you would like to submit, please send them to Diane Bischak or Russ Barton. They will accept submissions through any medium, but prefer to receive them electronically.

I hope you enjoy this issue of the *Newsletter*.



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Officers

President

David Goldsman
School of ISyE
Georgia Institute of Technology
Atlanta, GA 30332-0205
sman@isyse.gatech.edu

Vice-President/President-Elect

Jeffrey D. Tew
Director of Logistics Engineering
Schneider Logistics
3101 S. Packerland Dr.
P.O. Box 2666
Green Bay, WI 54306-2666

Treasurer

Sheldon H. Jacobson
Dept. of Industrial and Systems Eng.
Virginia Tech
Blacksburg, VA 24061-0118
jacobson@tioli.ise.vt.edu

Secretary

Douglas J. Morrice
MSIS Department, CBA 5.202
The University of Texas at Austin
Austin, Texas 78712-1175
morrice@mail.utexas.edu

Newsletter Editor

John M. Charnes
School of Business, Summerfield Hall
University of Kansas
Lawrence, KS 66045-2003
j-charnes@ukans.edu

Associate Editor

Diane P. Bischak
Department of Business Admin.
University of Alaska Fairbanks
Fairbanks, AK 99775-6080
ffdpb@aurora.alaska.edu

INFORMS College on Simulation Newsletter is published in the Spring and Fall of each year by INFORMS College on Simulation. Membership in the College on Simulation is independent of membership in The Institute for Operations Research and the Management Sciences. The annual membership fee for non-INFORMS members is \$3; INFORMS members may join for \$2. The fee for those outside of the U.S. or Canada is \$3.

To join, send name, address, e-mail address (if applicable), and the appropriate fee to: Sheldon Jacobson, Dept. of Industrial and Systems Engineering, Virginia Tech, Blacksburg, VA 24061-0118. Make checks payable to INFORMS College on Simulation. Please pass along this announcement to others who might be interested in joining.

First Class postage paid at Linthicum, Maryland. POSTMASTER: Send address changes to *INFORMS College on Simulation Newsletter*, 901 Elkridge Landing Road, Suite 400, Linthicum, MD 21190.

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Layout and Design: [Anne Madden](#)



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Event Calendar

Second International Workshop on Mathematical Methods in Stochastic Simulation and Experimental Design, St. Petersburg State University, St. Petersburg, Russia, June 18-22, 1996. Contact Viatcheslav Melas, melas@niimm.spb.su, fax (7-812) 428 70 39 or 428 66 49, or Barry Nelson, nelson@primal.iems.nwu.edu, fax (708) 91-8005.

Second International Conference on Monte Carlo and Quasi-Monte Carlo Methods in Scientific Computing, University of Salzburg, Austria, July 9-12, 1996. WWW page <http://random.mat.sbg.ac.at/mc96/index.html>. Contact Gerhard Larcher, University of Salzburg, mc&qmc96@sbg.ac.at.

3rd Workshop on Discrete Event Systems, University of Edinburgh, Edinburgh, Scotland, August 19-21, 1996. WWW page <http://www.cs.rug.nl/info/WODES/>. Contact Rein Smedinga, University of Groningen, wodes96@cs.rug.nl, fax +31-50-633800. International Workshop on Computational and Statistical Issues for Stochastic Processes, Cremona, Italy, September 2-5, 1996. Contact Federico Marchetti, Politecnico di Milano, stoch96@mate.polimi.it, phone (+39)(2)2399-4570, fax (+39)(2)2399-4568.

20th International Conference on Computers & Industrial Engineering, Kyongju, Korea, October 6-9, 1996. Contact K.H. Kim, Pusan National University, iccie96@hyowon.cc.pusan.ac.kr, phone 82-51-510-2419, fax 82-51-512-7603. International Conference on Performance Theory, Measurement and Evaluation of Computer and Communication Systems, Lausanne, Switzerland, October 7-11, 1996. WWW page <http://lrcwww.epfl.ch/perf96/>.

Seventh IEEE International Symposium on Personal, Indoor, and Mobile Radio Communications, International Convention Center, Taipei, Taiwan, ROC, October 15-18, 1996. Contact Kaveh Pahlavan, Worcester Polytechnic, kaveh@cwins.wpi.edu, fax (508) 831 5491.

INFORMS National Meeting, Atlanta Hilton & Towers, Atlanta, November 3-6, 1996. Contact Faiz Al Khayyal, Georgia Institute of Technology, School of Industrial and Systems Engineering, Atlanta, GA 30332-0205.

1996 Winter Simulation Conference, Hotel Del Coronado, Coronado, California, December 8-11, 1996. Contact Jim Swain, University of Alabama in Huntsville, jswain@ebs330.eb.uah.edu, phone 205-895-6749, fax 205-895-6733.

IEEE Infocom '97, Sixteenth Annual Joint Conference of the IEEE Computer and Communications Societies, Kobe, Japan, April 7-11, 1997. Web pages <http://www.ics.uci.edu/~infocom/> and <http://arpeggio.ics.es.osaka-u.ac.jp/infocom.html>.



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Minutes of the INFORMS College on Simulation Business Meeting Winter Simulation Conference, Washington, DC, May 7, 1995

Attendees: Sheldon Jacobson, Bruce Schmeiser, Chun-Hung Chen, Dean Hartley, Richard Monroe, Russell Barton, Prakash Shrivastava, Jihong Jin, Wu Lin Chen, Marc Meketon, Rick Carter, Belinda Hargrove, Sigrún Andradóttir, Murat Koksalan, Dave Goldsman and Doug Morrice.

1. Meeting opened at 6:55pm
2. Introductions.
3. Summary of minutes from Washington WSC business meeting by Doug Morrice.
4. Treasurer's report by Sheldon Jacobson.
5. David Goldsman gave Vice President's report on sponsored sessions.
6. Newsletter Editor's report by David Goldsman.
7. Report on WSC Ph.D. Student Colloquium by David Goldsman. David has appointed Marvin Nakayama to take over the organization of this colloquium after Enver Yucasen's term is over in 1997.
8. Report on Standing Committees by David Goldsman. Jim Wilson will join the Distinguished Service Award Committee and Peter Glynn will join the Best Paper Award Committee.
9. Status Report on the the 1996 Winter Simulation Conference by David Goldsman.

Old Business

1. Comments were made on the updated College WWW page, <http://www.isye.gatech.edu/INFORMS-sim> and the 1996 WSC page, <http://www.cc.ukans.edu/wsc96>

New Business

1. David Goldsman announced the current candidates for the College on Simulation elections.
2. Membership Committee report by David Goldsman.
3. An extensive discussion was held on the proposal for a Lifetime Professional Achievement Award. The proposal from the ad hoc committee of Richard Nance, Robert Sargent, and James R. Wilson (chair), was distributed and discussed. No committee members were able to attend the meeting. The only substantive issue discussed was the proposed award's relationship to the existing service award. Bruce Schmeiser noted that the definition of "service" has been quite broad, including the five criteria listed for the proposed award. Bruce Schmeiser asked for a straw vote on the motion that "the existing College on Simulation Service Award be renamed the Professional Achievement Award." (The word "lifetime" was omitted because previous discussion suggested that it was superfluous.) The motion was seconded by Sheldon Jacobson and passed unanimously. Follow-up discussion suggested that the topic should be discussed further in the Newsletter and the fall INFORMS meeting, pointing toward a vote at the Winter Simulation Conference in December.
4. Dean Hartley, Division B Representative to the INFORMS Board of Directors, reported on the following:
 - o The INFORMS office has been experiencing some technical problems in processing membership applications and renewals as a result of the merger. It is expected that these problems will be fixed in the near future.
 - o The issue of Sunday versus Wednesday sessions has arisen because at the upcoming meeting in Montreal, Canada, the Canadian Operational Research Society has decided not to have Sunday sessions.
 - o College on Simulation needs to start thinking about a replacement for Dean as the Division B representative to the INFORMS Board of Directors. His term will be up in the Spring of 1997. (Information note: The College on Simulation is one of four INFORMS sections that comprise Division B. Each of the four sections may nominate one person during the spring 1997 INFORMS meeting. At that meeting two or more nominees will be chosen for the Division B voting. The new term begins in January 1998.)
5. The meeting was closed at 7:50pm.

Respectfully submitted by Douglas Morrice.



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Treasurer's Report

For the period 8/10/95 to 3/20/96, the INFORMS College on Simulation had the following transactions at the NBC Bank (Blacksburg, VA).

| | |
|-------------------------------|-------------|
| Balance Forward | \$15,885.72 |
| Revenues | |
| Money Market Account Interest | \$366.85 |
| WSC 94 Additional Payback | \$2,770.00 |

| | |
|--|-------------|
| Seed Money Return, WSC 95 | \$2,000.00 |
| Membership Dues | \$5.00 |
| Total Revenues | \$5,141.85 |
| Disbursements | |
| Fall 95 Newsletter | \$100.00 |
| Refreshments, Washington WSC95 B-Mtg | \$280.07 |
| Refreshments, Washington WSC95 Ph.D. Coll. | \$329.67 |
| College on Simulation WWW Page Set Up | \$500.00 |
| WSC95 Ph.D. Colloquium | \$830.00 |
| Women and Minority Program, WSC95 | \$746.73 |
| Best Paper Award Expenses | \$500.00 |
| Distinguished Service Award Expenses | \$1022.94 |
| Best Paper and Service Award Plaque | \$91.00 |
| Bank Charges | \$43.00 |
| Total Disbursements | \$4,443.41 |
| Net (Revenue-Disbursements) | \$ 698.44 |
| Balance Forward | \$16,584.16 |

In addition to the above funds, the College has on account at INFORMS \$2,862.85 (6/30/95), bringing the net worth of the INFORMS/CS to \$19,447.01.

Respectfully Submitted, Sheldon H. Jacobson, Treasurer, 3/20/96

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Status Report on the Simulation Area of the INFORMS Journal on Computing

By David Kelton, Area Editor

Since my last report to the INFORMS/CS Newsletter there has been one new paper submitted, none accepted, and three rejected. Currently there are eight papers in various stages of the reviewing and revision process.

Associate Editors for the Simulation Area are Osman Balci, Gordon Clark, and David Nicol. Please contact the Area Editor for Area Policy statement.

Area Editor: W. David Kelton, Department of Operations and Management Science, Carlson School of Management, University of Minnesota, 271 19th Avenue South, Minneapolis, MN 55455, U.S.A., Phone: (612) 624-8503, Fax: (612) 626-1316, Internet: dkelton@msi.umn.edu

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Pierre L'Ecuyer Receives Honor

University of Montreal professor Pierre L'Ecuyer has been chosen as a 1995 Steacie Fellow for his work in random-number generation and stochastic discrete-event simulation in general. Professor L'Ecuyer is the first Steacie fellow from the fields of operations research, management science, or industrial engineering. Previously, Luc Devroye of McGill University received a Steacie Fellowship in Computer Science, also for work in the analysis of stochastic systems.

The E.W.R. Steacie Fellowship, which is the highest distinction given to young scientists in Canada, is awarded each year by the Natural Sciences and Engineering Research Council (NSERC) of Canada to four researchers of exceptional talent who have achieved international recognition for their achievements and who have received their doctoral degree within the last thirteen years. The candidates are nominated by universities from all across Canada and the winners are selected by a committee on the basis of excellence. Recipients are freed from all administration and teaching duties for two years and receive NSERC grant supplements.

Professor L'Ecuyer, a professor in the Department of Computer Science and Operations Research, has gained international recognition for his research into the predictive and statistical aspects of system simulation and for his advances in the understanding of the theory of random-number generation.

The award recognition includes the following discussion of Professor L'Ecuyer's work.

Most Analyses and simulations in the fields of science and engineering today are performed by computers. Because many of these experiments have stochastic aspects, most scientists now use random-number generators on their computers. Since a bad underlying generator can render experiments meaningless, it is extremely important that efficient, reliable generators be available. Dr. L'Ecuyer's contributions range from understanding the mathematical structure of different families of existing generators and identifying possible defects, to proposing new efficient and more-reliable generators. Since he published his paper entitled "Efficient and Portable Combined Random Number Generators" a large number of simulation practitioners and researchers worldwide have adopted his generators. He also made several contributions to the understanding of sensitivity analysis and optimization of stochastic systems.

Dr. L'Ecuyer received his Ph.D. in Operations Research from the University of Montreal in 1983, then joined the faculty of the Department of Computer Science at Laval University. In 1990 he returned to his alma mater. He currently serves as simulation department editor for Management Science and area editor for ACM Transactions on Modeling and computer Simulation.

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ANNOUNCEMENT

The College on Simulation has obtained some "extra" Proceedings from the 1991, 1992, and 1993 Winter Simulation Conferences. As a public service, The College will send a Proceedings to certain organizations at no charge. Such organizations might include domestic or foreign libraries or schools that would not normally have enough funding to otherwise obtain the Proceedings. If you know of a worthy organization in need of a Proceedings, please send a note (along with a quick justification for your request) to:

Dave Goldsman
School of Industrial and Systems Engineering
Georgia Institute of Technology
Atlanta, GA 30332
(404)894 2365/2301 (Office/Fax)

sman@isye.gatech.edu

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Wheyming Tina Song Receives Award

Wheyming Tina Song and her students, Chien-Chou Su and Bo-Ray Huang, recently won the Best Paper Award Competition for papers published in the Journal of the Chinese Institute of Industrial Engineering during the year ending 4/1/96.

The competition consisted of two stages. In the first stage, based on a review of the twenty-three nominated papers, six finalist papers were selected. In the second stage, two winners were chosen based on twenty-minute presentations.

The paper, "Pseudo-random number assignment strategies: the relationship between simulation models, metamodels, and experimental design," appeared in issue 3 of volume 12 on pages 193-201. There is currently no English language translation. The abstract follows:

Metamodels can be used to explore the functional relationship between the mean response of the simulation metamodel and a set of simulation inputs. The precision of the estimation of metamodels can be improved by using pseudo-random number assignment strategies. The motivation of this paper is to provide a thorough background for application of or further research on pseudo-random number strategies. We investigate the relationship between simulation models, metamodels, and experimental design. We also review in detail the most effective pseudo-random number strategy for linear metamodels with interaction terms.

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Status Report on the Simulation Department of *Operations Research*

By Barry L. Nelson, Area Editor

The Simulation Area of Operations Research publishes high quality papers on simulation methodology and applications. The Simulation Area also reviews papers involving statistical problems in operations research. Associate Editors include Peter Haas, IBM Research; David Kelton, University of Cincinnati; Susan Sanchez, University of Missouri St. Louis; and Mike Taffe, University of Minnesota.

In 1995 there were 13 submissions, of which 6 were rejected, 2 are in revision, 3 are in their initial review and 2 are in their second review after revision. The average time from initial submission to initial report is 4.5 months.

Send four copies of the manuscript, the statement of contribution, list of subject categories and copyright transfer agreement to:

Barry L. Nelson, Area Editor
Department of Industrial Engineering and Management Sciences
McCormick School of Engineering and Applied Science
2225 N. Campus Drive
Northwestern University
Evanston, IL 60208-3119
Voice: (708) 491-3747
FAX: (708) 491-8005
e-mail: nelsonb@primal.iems.nwu.edu

Detailed submission information, including the complete mission statement for the simulation area and instructions for mail and electronic submission, can be found on the World Wide Web at <http://primal.iems.nwu.edu/~nelsonb/>

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Welch Honored by College

The INFORMS College on Simulation recently presented a plaque to Peter Welch to recognize his special contributions on behalf of the College over the last two years. Peter has been responsible for putting the College on the World Wide Web; take a look at our beautiful web page at http://www.isye.gatech.edu/INFORMS_sim. He also undertook the arduous task of setting up a great WWW page for the recent 1995 Winter Simulation Conference.

Thanks for all of the hard work, Peter!

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Status Report on the Simulation Department of Management Science

During the first three months of 1996, 6 new papers have been submitted to the Simulation Department of Management Science and editorial work has been completed on 4 papers, with 1 paper accepted and 3 papers rejected. During the year 1995, we received 7 submissions, and completed editorial work on 17 papers, with 6 papers being accepted, 9 papers rejected, and 2 papers withdrawn.

Currently the Simulation Department has 17 papers in process. For 11 of these papers, we are waiting for a revision from the authors, while for the other 6, the authors are waiting for a report from us. There is no paper for which more than 6 months have elapsed without editorial feedback being provided to the author(s). We thank the referees for their good work and for their cooperation in helping us avoiding long delays in our responses to the authors.

The Simulation Department welcome your submissions! We seek high-quality papers dealing with any aspect of system simulation that is relevant to the practice or theory of management science. Authors can submit their paper to the Departmental Editor either by electronic mail (in the form of one self-contained TeX or LaTeX or postscript file) or by regular mail (in four hardcopies). Papers in electronic form are likely to take less time to process in general, because they can escape mailing delays between the authors, the Departmental Editor, the Associate Editors, and the referees. The full text of the Editorial Policy is available from the web page of the Department Editor. His address is:

Pierre L'Ecuyer
Département I.R.O.
Université de Montréal
C.P. 6128, succursale Centre-ville
Montréal, H3C 3J7, CANADA
Telephone: (514) 343-2143

email: lecuyer@iro.umontreal.ca
 web: <http://www.iro.umontreal.ca/people/lecuyer>

The Associate Editors for the Simulation Department are: Russell R. Barton of the Pennsylvania State University, Russell C. H. Cheng of The University of Kent at Canterbury, Halim Damerdjil of North Carolina State University, Paul Glasserman of Columbia University, Peter W. Glynn of Stanford University, and John D. Sterman of the Massachusetts Institute of Technology.

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Minutes of the INFORMS College on Simulation Business Meeting Winter Simulation Conference, Washington, DC December 5, 1995

Attendees: Dave Goldsman, Susan Sanchez, Bruce Schmeiser, Jim Wilson, Barry Nelson, Christos Alexopoulos, Michael Kay, Paul Sayor, Yun Bae Kim, Jorge Haddock, Irving Winters, Jim Swain, Russell Barton, Tom Schriber, Arnie Buss, Jeff Tew, Thanos Avramidis, Michael R. Taaffe, Ron Burt, Rich Kilgore, Charles Kern, Marvin Nakayama, Hans Manansang, Mark Fleischer, Pierre L'Ecuyer, Robert Sargent, Dean Hartley, Susumu Morito, Douglas Morrice, Perwez Shahabuddin, Joan Donahue, Jin Wang, Bob Shannon, Osman Balci, Michael Fu, Paul Sanchez, Enver Yücesan, Paul Auclair, Sheldon Jacobson, Russell Cheng, Frank Chance, Lee Schruben, Eric Savage, Sigrún Andradóttir, Steve Roberts, Chuck White, Jack Kleijnen, Gordon M. Clark, Frank J. Matejcek, Mary Johnson, Ralf Seifert, Michael Kay, Yolanda Carson, Phil Heideberger, Pieter Voss, Tom Kryst, Alan Pritsker, Keebom Kang, Rassul Ayani, Tom Wiggen, Bruce Shultes, Demet Wood, Neal Bengtson, John Tomick, Alan Johnson, Edward J. Williams, Gül Gürkan and Indira Kuruganti.

1. Meeting opened at 5:20pm
2. Introductions.
3. Summary of minutes from New Orleans business meeting by Doug Morrice.
4. Treasurer's report by Sheldon Jacobson.
5. David Goldsman gave Vice President's report on sponsored sessions. Newsletter Editor's report by John Charnes.
6. Report on WSC Ph.D. Student Colloquium by Enver Yücesan.
7. Status reports on Simulation Departments of Management Science and Operations Research by Pierre L'Ecuyer and Barry Nelson, respectively.
8. Report on Distinguished Service Award Committee by Stephen Roberts.
9. Report on Underrepresented Minorities and Women by Susan Sanchez.
10. Status Report 1995 Winter Simulation Conference by David Goldsman.

Old Business

1. David Goldsman described the impact of the INFORMS merger on the College. (please see meeting agenda for a complete description). David Goldsman indicated that some of the money saved from past WSCs for future WSCs would go to INFORMS. The rest would remain with the College on Simulation. David Goldsman proposed that Stephen Roberts remain on the WSC board one more year and that David Kelton stay on the WSC board and move into the INFORMS College on Simulation position after Stephen's departure. A straw vote was taken resulting in a unanimous outcome in favor of David Goldsman's proposal.
2. Bruce Schmeiser explained why and how we should become a Society in INFORMS. Barry Nelson moved that we apply to become a Society. This was seconded by Christos Alexopoulos. The motion was passed unanimously. David Goldsman agreed to set up a committee for this task.
3. Comments were made on the updated College WWW page and the 1995 WSC page. John Charnes gave the Web address for the new 1996 WSC page, <http://www.cc.ukans.edu/wsc96>

New Business

1. David Goldsman announced that he has formed the "Lifetime Achievement Award" Committee. Its members are Jim Wilson, Bob Sargent, and Richard Nance.
2. David Goldsman announced that he is in the process of setting up a Membership Committee. Its members will be Dean Hartley, Jorge Haddock, and someone yet to be named.
3. Dean Hartley announced that he is our new representative to the INFORMS Board of Directors.
4. The meeting was closed at 6:00pm.

Respectfully submitted by Douglas Morrice.

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Call for Nominations INFORMS College on Simulation 1996 Distinguished Service Award

To recognize individuals providing long standing exceptional service to the simulation community, the INFORMS/CS has established the Distinguished Service Award, which may be given no more often than annually to an individual. Sustained service to the simulation community should extend over 15 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 services include but are not limited to:

- elected offices in simulation societies, editorial responsibilities for simulation such as department editor, area editor, and editor in chief
- conference responsibilities involving simulation such as program chair, proceedings editor, general chair, and being a member of the organizing or program committee
- appointed positions for simulation related activities such as serving on committees and being a newsletter editor, and undertakings and actions that promote simulation in the "larger community."

Nominations can be made by anyone and are made by sending a letter of nomination to the Chair of the Committee by September 15, 1996. Letters should identify the areas of exceptional service, detailing the actions and activities of the nominee deserving of this award. If possible, the nominee's vita should be included with the nomination. The individual(s) making the nomination have the primary responsibility of justifying why the nominee should receive this award. If given, the award will be presented December 9, 1996 at the opening session of the 1996 Winter Simulation Conference, in San Diego.

Nominations should be sent to:

Stephen D. Roberts
 Department of Industrial Engineering
 North Carolina State University
 Box 706
 Raleigh, NC 27695 7906
 (919)515 2362/5281 (Office/Fax)
roberts@eos.ncsu.edu

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Call for Nominations
INFORMS College on Simulation
1996 Outstanding Simulation Publication Award

To recognize outstanding contributions to the simulation literature, the INFORMS College on Simulation annually sponsors an Outstanding Simulation Publication Award. Nominations for the 1996 Award should be sent by September 15, 1996 to the Awards Committee Chair:

Richard M. Fujimoto
College of Computing
801 Atlantic Dr.
Georgia Institute of Technology
Atlanta, GA 30332 0280
(404)894 5615/9442 (Office/Fax)
fujimoto@cc.gatech.edu

The complete set of rules governing the Award appeared in Vol. 19, No. 2 of the Newsletter (Fall 1985). The following summary includes an amendment to these rules that was passed by the College at its December 1991 Business Meeting. Anyone is eligible to win the Award. Journal articles, proceedings articles, books, and monographs copyrighted in 1992, 1993, 1994, and 1995 are eligible for the Award to be presented in 1996. 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) a copy of the written work, including all bibliographical information (in the case of books, the Awards Committee will obtain copies);
- (b) a short statement suitable for reading at the award ceremony if the work is chosen; and
- (c) any other information thought relevant by the nominator.

The Outstanding Simulation Publication Award will be presented December 9, 1996 at the opening session of the 1996 Winter Simulation Conference, in San Diego. The Award carries with it a cash prize of \$500.



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International Symposium on Modeling, Analysis and Simulation of Computer and Telecommunication Systems (MASCOTS'97)

Co-sponsored by the IEEE Computer Society (TCCA, TCSIM)
In Cooperation with the Israeli Section of the IEEE

Workshops January 8 - 10, 1997, Eilat, Israel
Symposium January 12 - 15, 1997, Haifa, Israel

Conference Objectives

For its fifth year, the Workshop on Modeling, Analysis and Simulation of Computer and Telecommunication Systems (MASCOTS), has taken the form of an international symposium, to be held at two locations in Israel. Still catering to researchers, practitioners, developers and experts with interests in system design, modeling, analysis, simulation and performance evaluation, MASCOTS '97 is targeting in particular the growing overlap and interaction between computing and telecommunications. Prominent guest speakers, both from industry and academia, will present their views on the future of this exciting convergence of technologies and market segments.

A series of workshops will be held at the Holiday Inn Crowne Plaza hotel in Eilat, January 8 through 10. The conference portion of the symposium will take place at the Dan Panorama hotel in Haifa, January 12 through 15, starting with a day of tutorials on January 12. In between, for those attending the workshops but not the tutorial, a tour through the ancient town of Petra, Jordan, will be offered.

Papers are solicited which contain significant novel ideas and research results on both methodological and special case studies, relevant to either or both computer and telecommunication systems. Conference topics included (but are not limited to) performance models, discrete and numeric simulation, simulation efficiency, monitoring and visualization, system and application tuning, performability modeling, specification and validation.

Also of interest are papers addressing the interaction of applications and systems, in areas such as parallel and distributed systems, memory hierarchies, networking, input/output, communications, scalable systems, vision and image processing, digital signal processing, robotics and control. Of particular interest are papers which address the commonalities and differences between computer and telecommunications systems.

Submission Information

Send four copies of a full-length paper, not to exceed 20 double-spaced pages, to the Program Chair. Include an address and e-mail for correspondence, and 3-5 keywords.

Tutorial proposals should be sent to the Tutorials Chair. Please include a title and abstract, length (half- or full-day), target audience and brief biography of the presenter(s). To organize a workshop contact the Workshops Chair. Include a title and abstract of the proposed workshop, with a list of potential participants, and specify the length of the workshop (1 or 2 days).

Tools sessions are planned for those papers which include a significant practical component. These sessions will allow for online demonstrations on a workstation, and/or video presentation. Submit papers to any Tool Fair Co-Chair, with a detailed list of the necessary (workstation class) equipment. Papers describing the tools will undergo the regular review process and will be allocated four pages in the proceedings.

Important Dates

- * Submission deadline: July 15, 1996
- * Acceptance notification: September 16, 1996
- * Camera-ready copy due: October 14, 1996

Program Committee Chair
Doug DeGroot, Texas Instruments
Digital Connectivity, MS 150
13588 N. Central Expressway
Dallas, TX 75243
degroot@ti.com

Tutorials Chair
Yale Patt, U. of Michigan
Department of EE and CS
1301 Beal Avenue

Ann Arbor, MI 48109-2122
patt@eecs.umich.edu

Tools Co-Chairs

Thomas Braunl and Gunter Mamier, IPVR
 University of Stuttgart
 Breitwiesenstr. 20-22
 D-70565 Stuttgart, Germany
 {braunl, mamier}@informatik.uni-stuttgart.de
 AND Abraham Mendelson, Technion
mendelson@ee.technion.ac.il
 Peter Wilke, U. Erlangen-Nuernberg
wilke@informatik.uni-erlangen.de

Workshops Chair

Dhiraj Pradhan, Texas A&M
 Department of Computer Sc
 College Station, TX 77843
pradhan@cs.tamu.edu



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Proposal for a LIFETIME PROFESSIONAL ACHIEVEMENT AWARD Sponsored by INFORMS/College on Simulation (INFORMS/CS)

Presented by
 Richard E. Nance
 Robert G. Sargent
 James R. Wilson (Chair)
 March 28, 1996

1. Purpose and Requirements of the Award. To recognize major contributions to the field of simulation that are sustained over most of a professional career, with the critical consideration being the total impact of those contributions on computer simulation. An individual's contributions may fall in one or more of the following areas:
 - a. service to the profession,
 - b. contributions to research,
 - c. dissemination of knowledge,
 - d. development of software or hardware, and
 - e. advancement of the status or visibility of the field.
2. Name of the Award. The award shall be named the "Lifetime Professional Achievement Award" (hereafter simply called the award).
3. Presentation and Form of the Award. Given at most once a year, the award shall be presented at a major professional meeting sponsored by INFORMS/CS and shall consist of the following items to be funded by INFORMS/CS:
 - a. a plaque inscribed with the name of the award, the name of the recipient, the name of the sponsoring organization, and the year in which the award is presented;
 - b. a cash award to be determined by the membership of INFORMS/CS; and
 - c. reasonable travel expenses incurred by the recipient in attending the presentation ceremony.
4. Procedures Governing the Award.
 - a. Publication of the Call for Nominations. In the third quarter of each calendar year, the chair of the award selection committee shall prepare a call for nominations for next year's award and place the call for nominations in the INFORMS/CS Newsletter, the INFORMS/CS home page on the World Wide Web, OR/MS Today, and any other media that are deemed to be appropriate for publicizing the call for nominations.
 - b. Submission of Nominations. Anyone is eligible to win the award, and the award may be received posthumously. Nominations may be submitted by anyone (including self nominations), but they may not be made anonymously. The burden of offering evidence of merit falls on the nominator. Each nomination should include:
 - i) the nominee's complete resume;
 - ii) a clear-cut, comprehensive description of the nominee's major contributions to the profession, with complete supporting documentation;
 - iii) at least three letters of endorsement providing evidence of the significance and magnitude of the nominee's professional achievements.
 Nominations for the award must be received by the chair of the award selection committee no later than June 15 of the year in which the nominee is to be considered. Except for award winners, each nominee's dossier will remain active for two consecutive years.
 - c. Composition and Operation of the Award Selection Committee.
 - i) Members of the award selection committee should be distinguished professionals in the field of simulation. Past recipients of the award are prime candidates for membership on the award selection committee.
 - ii) The award selection committee shall consist of at least three members. Each year one new member shall be appointed by the president of INFORMS/CS to serve for three years. The chair of the award selection committee shall be in the second year of service on the committee. The composition of the initial award selection committee shall be decided by the president of INFORMS/CS, including the designation of the chair as well as the term of service for each committee member.
 - iii) Each year the award selection committee shall select from that year's eligible nominees at most one individual who, in their collective judgment, has a sufficiently distinguished record of contributions to the field of simulation sustained over the course of a professional career.
 - iv) The award selection committee shall determine the winner by majority vote.
 - v) The award selection committee may choose to make no award.
 - vi) All oral and written communications regarding nominations or deliberations of the award selection committee shall remain strictly confidential, including the names of all nominators, endorsers, and nominees.
 - vii) In the event a winner is selected, the chair of the award selection committee shall have full responsibility for obtaining and presenting the award and for publicizing the presentation of the award.
 - viii) Timely articles on the presentation of the award to the winner shall be placed in the INFORMS/CS Newsletter, the INFORMS/CS home page on the World Wide Web, OR/MS Today, the Proceedings of the Winter Simulation Conference, and any other media that are deemed to be appropriate for announcing the winner of the award.
 - d. Nonperformance of the Award Selection Committee. The president of INFORMS/CS may dissolve the award selection committee at any time for cause. Such action may be protested by the chair of the award selection committee, in which case the decision to dissolve the award selection committee shall be submitted to a vote of the INFORMS/CS membership. If the award selection committee is dissolved, then the president of INFORMS/CS shall appoint another award selection committee in accordance with item 4.c.ii) above. The new award selection committee shall have the full powers of the former award selection committee.
5. Options and Guidelines
 - a. At some point in the future, the INFORMS/CS membership may vote to name the award in honor of a particular individual--for example, the Nicholas Metropolis Lifetime Professional Achievement Award.
 - b. At some point in the future, sponsorship of the award may be extended to include other related professional societies. The addition of other sponsoring societies may affect the size of the award selection committee and the procedure for appointing committee members as specified in item 4.c.ii) above.
 - c. The period of professional accomplishment for recipients of the award should normally be at least 20 years.



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