President's Message

As the College on Simulation moves into its second year of operation under the restructuring of ORSA/TIMS into INFORMS, we are faced with many significant challenges and opportunities. Among them, we must identify ways for expanding our role in the simulation community so as to meet the needs of an ever-growing population of simulation users and continue to serve as the focal point for the field of simulation. This issue raises many questions which will be difficult to answer (e.g., should we and, if so, how do we strengthen the relationship between industry and the College? How should we coordinate efforts to attract new members?) and touches many related issues we must face in the coming years. As in the past, the directions we take and the energy we apply to the challenges and opportunities facing the College will determine our eventual success. I am confident that the vibrant and enthusiastic College membership will successfully meet all of such foreseen and unforeseen challenges and continue to lead us into further enhancement of our standing professionally.

I am very happy to report the results of our recent elections for officers:

- Vice President/President Elect: Mike Taaffe
- Secretary/Treasurer: John Charnes
- Newsletter Editor: Diane Bischak
- Associate Editor: Russell Barton

Please join me in congratulating Mike, John, Diane, and Russell on their new College positions; I am honored to work with them and to be part of their team. Special recognition and appreciation must go to Dave Goldsman, our new Past President, for the considerable efforts he has brought to the President's position over the past two years. Dave is a wonderful example of the fine, tireless leadership that the College has often enjoyed throughout its long history. The College is deeply indebted to Dave for his many contributions.

Our standing committees (Distinguished Service Award Committee, Publication Award Committee, Membership Committee, and the Committee on Underrepresented Minorities and Women) have much important work ahead of them. We will be looking forward to their progress as it is reported at the Business Meetings and in this publication. They will need your support and your involvement.

I enthusiastically look forward to working with you during the next two years, and I hope to see you at upcoming INFORMS and WSC meetings. I urge you to attend all College Business meetings and provide us with your input at any time.

Jeffrey D. Tew
President, INFORMS College on Simulation

Editor's Corner

In this issue of the Newsletter there is much conference news. The Committee on Underrepresented Minorities and Women has selected awardees to attend the 1996 Winter Simulation Conference in San Diego, and two submissions by Enver Yucelen give details of upcoming international simulation conferences.

I am pleased to take over the role of Editor from my very capable predecessor John Charnes, who made the transition easy. Thanks to Russ Barton for his able assistance in his inaugural voyage as Associate Editor, and thanks to everyone who submitted items for the Newsletter this time around: Jeff Tew, Mike Taaffe, Sheldon Jacobson, Dave Kelton, Pierre L'Ecuyer, Barry Nelson, Jorge Romeu, and Enver Yucelen.

We welcome your submissions for the Newsletter. We are particularly interested in feature articles, so if you have an exciting simulation research program going on at your institution or have developed new concepts in the teaching of simulation, write it up and send it in to me or to Russell Barton. All the news that fits, we'll print.

Diane Bischak
Treasurer’s Report

For the period 3/20/95 to 9/18/96, the INFORMS College on Simulation had the following transactions at the NBC Bank (Blacksburg, VA).

**Balance Forward**  $16,584.16

**Revenues**

- Money Market Account Interest  $288.29
- WSC 95 Additional Payback  $1,951.27

Total Revenues  $2,239.56

**Disbursements**

- Spring 96 Newsletter  $125.00
- Women and Minority Program, WSC 95  $200.00
- Seed Money, WSC ’96  $2,000.00

Total Disbursements  $2,325.00

**Net (Revenue-Disbursements)**  ($ 85.44)

**Balance Forward**  $16,498.72
In addition to the above funds, the College has on account at INFORMS $3,842.85 (5/31/96), bringing the net worth of the INFORMS/CS to $20,341.57.

Respectfully Submitted,
Sheldon H. Jacobson, Former Treasurer, 9/18/96

---

The 1996 Winter Simulation Conference

http://www.cc.ukans.edu/wsc96/

December 8-11, 1996
Hotel Del Coronado
Coronado, California

The 29th annual Winter Simulation Conference will be held at the historic oceanside Hotel Del Coronado near San Diego, California. WSC'96 will continue the tradition of bringing together established industrial practitioners, leading academicians, simulation newcomers, and commercial software and service providers.

The on-site registration fee is $295 for members of any sponsoring society and $360 for anyone not a member of a sponsoring society. (Sponsoring societies are IEEE, IIE, ASA, ACM, SCS, and INFORMS.) Student registration is $30. All presenters, session chairs, and conference attendees must register.

The entire Preliminary Program is available on the Winter Simulation Conference World Wide Web page listed above. This year for the first time abstracts of Proceedings papers are also on the web page.

An international reception in honor of WSC's increasing number of international attendees, first offered in 1995, will be continued with some changes. This year's international reception will be in the Grand Ballroom, which is also the Exhibits Area. It will be a wine and cheese reception from 6:00 p.m. to 7:00 p.m. on Sunday, December 8, and will be open to everyone.

A first-time attendee orientation is scheduled for 5:30 p.m. to 6:00 p.m. on Sunday, December 8. Last year, 40% of WSC attendees identified themselves as first-timers. Following a brief presentation explaining the structure of the program and other events, there will be a question and answer session, and then group members can adjourn to the reception taking place in the Exhibit Hall.

Another new event is the Tuesday reception just before the user group meetings. This reception is sponsored by Sim.TECH, a group of software vendors.

Spouse/guest activities scheduled include a harbor excursion and city tour, a "behind the scenes" tour at the San Diego Zoo, shopping in La Jolla, the San Diego de Alcala and Old Town tour, a tour of the Stephen Birch Aquarium with a La Jolla beach walk, and a visit to Sea World. On-site sales of these special tickets will also be available at the attraction ticket desk, which will be located in the registration area.

If you have further questions about registration please contact Talley Management (telephone 609-845-1720, fax 609-853-0411). The WSC'96 committee members are:

Daniel Brunner, General Chair brunner@systemflow.com
James Swain, Program Chair jswain@ebs330.eb.uah.edu
John Charnes, Proceedings Co-Editor j-charnes@ukans.edu
Douglas Morrice, Proceedings Co-Editor morrice@mail.utexas.edu
Debbie Kotlarek, Exhibits Chair debbie.kotlarek@hksystems.com

---

European Simulation Multiconference ESM'97

June 1-4, 1997
Istanbul, Turkey

Organized and sponsored by: The Society for Computer Simulation International
Hosted by: Bogazici University

MAIN TOPICS:

- Advances in Simulation Methodology and Practices
- Artificial Intelligence and Simulation
- Industrial Simulation
- Computer and Telecommunication Systems
- Modeling the Dynamics of Organizations and Information Systems
- Modeling of Socio-Economic Systems
- Defense Systems
- Analytical and Numerical Modeling Techniques

CONFERENCE CHAIRMEN:

General Conference Chairman:
Prof. Dr. Ali Riza Kaylan
Bogazici University, Dept. of Industrial Engineering, 80815
Bebek, Istanbul, Turkey
Phone: 90.212.2631540/2075
Fax: 90.212.2651800
kaylan@boun.edu.tr

General Conference Co-chairman:
Prof. Dr. Axel Lehmann
Universitaet der Bundeswehr, Munich, Fak. fuer Informatik
Werner-Heisenberg-Weg 39, D 85579
Neubiberg, Germany
Phone: 49.89.6004.2648
Fax: 49.89.6004.3560
lehmann@informatik.unibw-muenchen.de
Minutes of the INFORMS College on Simulation Business Meeting
Fall INFORMS Meeting, Atlanta, Georgia, November 5, 1996

New Business

1. Session called to order by Jeff Tew, ICS President, at 6:36 p.m.
2. Jeff read the minutes from the Spring INFORMS meeting of the ICS and the minutes were approved.
3. New Officers were announced: Jeff Tew, President; Mike Taaffe, Vice President/President-Elect; John Charnes, Secretary/Treasurer; Diane Bischof, Editor, and Russell Barton, Associate Editor of the ICS Newsletter.
4. Sheldon Jacobson gave the treasurer's report. As of September 15, Sheldon reports, the College had approximately $19,000 or $20,000 in its accounts and its return on investment for the WSC ‘95 was approximately $2,000. Sheldon reported that the budget appeared to be stable.
5. Mike Taaffe, the Vice President, reported that the ICS would be sponsoring 7 sessions at the Spring INFORMS in San Diego in May of 1997. (Note from Mike: there will only be 6 sessions.)
6. It was reported that the Simulation Department of Management Science has thus far this year received 7 papers and had accepted 3.

Old Business

1. Jim Wilson led the discussion of the "Lifetime Achievement Award," and in particular discussed the difference between this award and the Service Award.
2. As a friendly amendment the idea of contributions in the area of simulation practice was added to the description of the criteria for the proposed "Lifetime Achievement Award."
3. Continued discussion of the "Lifetime Achievement Award" will occur at the ICS Business meeting during WSC ’96, and a vote will be taken.
4. Sheldon Jacobson gave the treasurer's report. As of September 15, Sheldon reports, the College had approximately $19,000 or $20,000 in its accounts and its return on investment for the WSC ‘95 was approximately $2,000. Sheldon reported that the budget appeared to be stable.
5. Mike Taaffe, the Vice President, reported that the ICS would be sponsoring 7 sessions at the Spring INFORMS in San Diego in May of 1997. (Note from Mike: there will only be 6 sessions.)
6. It was reported that the Simulation Department of Management Science has thus far this year received 12 papers and had accepted 3.

DEADLINES AND REQUIREMENTS

Extended abstracts (2-3 pages for full and 150 words, 1 page for short papers typewritten without drawings and tables) are due to arrive in QUADRUPPLICATE at the Industrial Engineering Department of Bogazici University, TURKEY before January 15, 1997.
8. The meeting was adjourned at 7:30 pm.

The minutes were recorded for John Charnes by Mike Taaffe.

Attendees:

- Michael R. Taaffe, University of Minnesota, taaffe@maroon.tc.umn.edu
- Jim Wilson, NC State University, jwilson@eos.ncsu.edu
- Sigurn Andradottir, Georgia Tech, sasi@isye.gatech.edu
- Christos Alexopoulos, Georgia Tech, christos@isye.gatech.edu
- Bruce C. Shultes, Georgia Tech, shultesb@isye.gatech.edu
- Rick Carter, NC State University, rcartel@eos.ncsu.edu
- Shane Henderson, University of Michigan, shane.henderson@umich.edu
- Dean Hartley, ORNL, dhx@ornl.gov
- Rod Reasor, Eastman Chemical, rreasor@eastman.com
- Dave Goldsman, Georgia Tech, dman@isye.gatech.edu
- Jeff Tew, Schneider Logistics, tew@sni.com
- Sheldon H. Jacobson, Virginia Tech, jacobson@vt.edu
- Shahid Mujtaba, Hewlett Packard, mujtaba@hpl.hp.com
- Sigrun Andradottir, Georgia Tech, sa@isye.gatech.edu
- Christos Alexopoulos, Georgia Tech, christos@isye.gatech.edu
- Bruce C. Shultes, Georgia Tech, shultesb@isye.gatech.edu
- Rick Carter, NC State University, rcartel@eos.ncsu.edu
- Shane Henderson, University of Michigan, shane.henderson@umich.edu
- Dean Hartley, ORNL, dhx@ornl.gov
- Rod Reasor, Eastman Chemical, rreasor@eastman.com
- Dave Goldsman, Georgia Tech, dman@isye.gatech.edu
- Jeff Tew, Schneider Logistics, tew@sni.com
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 Damerdji of North Carolina State University, Paul Glasser of Columbia University, Peter W. Glynn of Stanford University, and John D. Sterman of the Massachusetts Institute of Technology.

Event Calendar

1996 Winter Simulation Conference, Hotel Del Coronado, Coronado, California, December 8-11, 1996. WWW page http://www.cc.ukans.edu/wsc96/. Contact Jim Swain, University of Alabama in Huntsville, Phone: (205)895-6749, Fax: (205)895-6733, jswain@ehs330.eb.uah.edu.

1997 Western Multiconference, January 21-24, 1997, Sheraton Crescent Hotel, Phoenix, AZ, USA. WWW page http://www.scs.org/conference/conninfo.html/WMC/. Contact SCS International P. O. Box 17900 San Diego, California 92177, Phone: (619)277-3888, FAX: (619)277-3930, scs@sdce.edu.

30th Annual Simulation Symposium, Stouffer Renaissance Waverly Hotel, Atlanta, Georgia, April 7-9, 1997. WWW page http://server.rich.edu/~vwm97/. Contact Enrique V. Kortright, Department of Computer Science, Nicholls State University, Thibodaux, LA 70310, Phone: (504)448-4406, Fax: (504)448-4927, ek@reality.rich.edu.


Canadian Operational Research Society (CORS) Annual Conference, Chateau Laurier, Ottawa, Canada, May 26-28, 1997. WWW page http://www.business.carleton.ca/cors97/. Contact Darren Meister, Carleton University, Phone: (613)520-2600 Ext. 2397, Fax: (613)520-4427, cors97@business.carleton.ca.

European Simulation Multiconference: ESM'97, Istanbul, Turkey, June 1-4, 1997. Contact Prof. Dr. Ali Riza Kaylan, Bogazici University, Dept.of Industrial Engineering, 80815 Bebek, Istanbul, Turkey, Phone: 90-212-263-1540/2075, Fax: 90-212-265-1800, kaylan@boun.edu.tr.

PERFORMANCE TOOLS '97, 9th International Conference on Modelling Techniques and Tools for Computer Performance Evaluation, St Malo, France, June 2-6, 1997. WWW page http://222.iris.fr/tools97/. Contact Raymond Marie, Ira, Phone: (+33)99847295, Fax: (+33)99847171, tools97@iris.fr.

PADS '97, 11th Workshop on Parallel and Distributed Simulation, Burg Lockenhaus, near Vienna, Austria, June 10-13, 1997. WWW page http://www.it.kth.se/labs/sim/pads97/. Contact Alois Ferscha, Universitaet Wien, Phone: (+43 1) 408 63 66 18, ferscha@azi.univie.ac.at.


9th INFORMS Applied Probability Section Conference, Cambridge Marriott Hotel, Cambridge, MA, June 30-July 2, 1997. Contact Michael Caramanis, Manufacturing Engineering, Boston University, Phone: (617)353-3247, Fax: (617)353-5483, mcc@bueng.bu.edu or ap97@bu.edu.

EURO/INFORMS, Barcelona, Spain, July 14-17, 1997. Contact Burton Dean, San Jose State University, Phone: (408)924-3551.


1st WORLD CONGRESS ON SYSTEMS SIMULATION (2nd Joint Conference of International Simulation Societies), Singapore, September 1-4, 1997. WWW page http://www4.informatik.uni-erlangen.de/~rimane/wcs97.html. Contact Rainer Rimane, rimane@informatik.uni-erlangen.de.


INFORMS National Meeting, Hyatt Regency, Dallas, October 26-29, 1997. Contact Paul Jensen, Dept. of Mechanical Engineering 62200, University of Texas, Austin, TX 78712.

CALL FOR PAPERS

1st WORLD CONGRESS ON SYSTEMS SIMULATION (2nd Joint Conference of International Simulation Societies) Singapore, September 2-5, 1997

Theme: Legacy for the 21st Century

http://www4.informatik.uni-erlangen.de/~rimane/wcs97.html

The Congress on Systems Simulation will bring the world's leading computer modelers and simulationists together in one place to share their experiences, new ideas, and research results on all aspects of systems simulation. Twenty topics grouped into two categories as shown below are planned:

FOUNDATIONS OF SIMULATION

F1. Simulation Methodology, Tools, and Environments
F2. Simulation and Artificial Intelligence
F3. Machine Learning, Neural Nets, and Genetic Algorithms
F4. Optimization and Simulation
F5. Analytical and Numerical Modelling Techniques with Applications on Quality of Service Modelling
F6. Parallel and Distributed Simulation
F7. Simulation Applications on Vector-, Parallel-, Neural Computers, and Workstation
F8. Super Computer Systems
APPLICATIONS OF SIMULATION

A1. Simulation in Design and Manufacturing
A2. Simulators and Applications of Real Time Simulation
A3. Engineering Applications
A4. Simulation in Intelligent Transport Systems
A5. Building Simulation
A6. Simulation in Biology, Medicine and Ecology
A7. Simulation in Energy
A8. Simulation in Telecommunications
A9. Mission Earth
A10. Digital Signal and Imaging Processing

For further information please contact: Rainer Rimane (rimane@informatik.uni-erlangen.de), Tuncer Oren (tunceri@yunus.man.tubitak.gov.tr), Lawrence W.C. Wong (elewwcl@nus.sg or Y.M. Teo (teoym@iscs.nus.sg).

Submission Instructions: Authors are invited to submit complete, original, and previously unpublished papers reflecting their current research results. Submitted papers will be refereed for quality and originality, and accepted papers will appear in the conference proceedings jointly published by the IEEE Computer Society and the SCS-Europe Publishing House.

Manuscripts should not exceed 15 pages in length (double-spaced), include an abstract, and give a clear statement of the problems considered and results obtained. The author's name, affiliation, complete address of the corresponding author, email address, and telephone and fax numbers should be on the cover page. In addition, please indicate clearly on the cover page the name of the conference that the paper is submitted for consideration.

Please submit SIX copies of the full paper by January 10, 1997 to:

Secretariat of the 1st World Congress on Systems Simulation
Attention: Ms. Doris Yee
c/o IEEE Singapore Section
59D Science Park Drive, The Fleming
Singapore 118243
tel: +65 773 1141, fax: +65 773 1142, ieee@pacific.net.sg

Important Dates:

full papers due: January 10, 1997
notice of acceptance: April 1, 1997
camera-ready paper due: May 15, 1997

General Congress Officers:

General Conference Chair: Rainer Rimane (Germany)
General Conference Co-Chair: Lawrence W. C. Wong (Singapore)
General Program Chair: Tuncer I. Oren (Canada)
General Program Co-Chair: Y. M. Teo (Singapore)
General Program Co-Chair: Roy Crosbie (USA)
Finance Chair: G. H. Ong (Singapore)
Finance Co-Chair & Coordination: Philippe Geril (Belgium)
Finance Co-Chair: William Gallagher (USA)
Exhibition Chair: Gary S. H. Tan (Singapore)
Exhibition Co-Chair: Stephen T. Branch (USA)
Publications/Publicity Chair: Robert de Souza (Singapore)
Local Organizing Chair: G. Samudra (Singapore)
Local Organizing Co-Chair: Shao Hua Tan (Singapore)
Sponsorship Chair: Simon See (Singapore)

Sponsored by: SCS International, IEEE

Registration Fees:

EARLY Registration (until June 15, 1997):
- Members of participating societies: US$495
- Non members: US$535
LATE Registration:
- Members of participating societies: US$535
- Non members: US$575
STUDENT Registration: US$250

Only accepted articles submitted with the registration fees will be included in the proceedings. Each additional article by a registered author requires an additional fee of US$400. Registration fees include one Congress Proceedings, coffee or refreshment during the breaks, three lunches and banquet.

College to Sponsor WSC Attendees

The INFORMS College on Simulation is again sponsoring several students and faculty members to attend the annual Winter Simulation Conference. The Committee on Underrepresented Minorities and Women, consisting of Sigrun Andradottir, Ann Dunkin, Susan Sanchez, and Jorge Luis Romeu as Chair, unanimously selected four awardees from a pool of fourteen applicants. Two of these awards are for faculty and the other two are for students.

The two faculty awards to attend the 1996 Winter Simulation Conference in San Diego are for Connie Nott, of the Department of Business Administration at the University of Washington, and for Natasha E. Thomas, of the Civil Engineering Department of the University of Illinois, Chicago. These two awards are for $300 each.

The two student awards are for Kelly Ann Sullivan, a doctoral student in the operations research program in the Department of Industrial and Systems Engineering at Virginia Polytechnic Institute, and Tamminh Tran, a doctoral student in the Graduate School of Industrial Administration at Carnegie Mellon University. These two awards are for $200 each.
Awards are made to students and faculty members who are women and/or minorities and to faculty members who teach at predominantly women's or minority colleges. In all cases, the award is limited to student and faculty members who have not previously attended the Winter Simulation Conference and will not be co-authors of a presentation at the 1996 conference. Awards range between $100 and $300 depending on the situation and can be applied towards registration and other expenses.