NAVIGATING PUBLICATION OUTLETS FOR SIMULATION RESEARCH: INSIGHTS FROM JOURNAL EDITORS

Tom Berg

Jose Blanchet

Department of Industrial and Systems Engineering
The University of Tennessee, Knoxville
Knoxville, TN 37996, USADepartment of Management Science and Engineering
Stanford University
Stanford, CA 94305, USA

Weiwei Chen

Department of Supply Chain Management Rutgers University Piscataway, NJ 08854, USA Christine S.M. Currie

School of Mathematical Sciences University of Southampton Southampton, SO17 1BJ, UK

Peter J. Haas

Manning College of Information & Computer Sciences University of Massachusetts Amherst, MA 01003, USA

Bruno Tuffin

NRIA Rennes Bretagne-Atlantique Campus de Beaulieu 35042 Rennes Cedex, France L. Jeff Hong

School of Management and School of Data Science Fudan University Shanghai 200433, China

Jie Xu

College of Engineering and Computing George Mason University Fairfax, VA 22030, USA

ABSTRACT

This panel discussion is designed to provide young scholars in the field of simulation with valuable insights into identifying suitable publication avenues for their research endeavors. Senior journal editors will serve as panelists and share their wealth of experience and perspectives. Journals represented include *ACM TOMACS, IISE Transactions, INFORMS Journal on Computing, Journal of Simulation, Operations Research*, and *Stochastic Systems*. Specifically, the panelists will introduce preferred topics, focuses, and future trends for each journal. Panelists will also share their own experiences and suggestions on the peer review process, such as how to navigate through revisions and rejections, and ethical policies. Young scholars will also learn the importance of serving the community as a reviewer, and what senior editors expect from reviewers.

AUTHOR BIOGRAPHIES

TOM BERG is an Assistant Professor in the College of Nursing and holds an appointment in the Tickle College of Engineering. He has over 30 years of diverse technology experience in the government and private sectors. He has a Ph.D. in Systems Engineering from UTK. His professional experience has focused on transitioning technology from research to applied use, managing applied research and development programs and building university and private sector partnerships. His research interests focus on computer simulation of high-consequence complex systems. His email address is tberg1@utk.edu.

JOSE BLANCHET is a Professor of Management Science and Engineering at Stanford. Prior to joining Stanford, he was a professor at Columbia (Industrial Engineering and Operations Research, and Statistics, 2008-2017), and before that he taught at Harvard (Statistics, 2004-2008). Jose is a recipient of the 2010 Erlang Prize and several best publication awards in areas such as applied probability, simulation, operations management, and revenue management. He also received a Presidential Early Career Award for Scientists and Engineers in 2010. He is the Area Editor of Stochastic Models in *Mathematics of Operations Research* and has served on the editorial board of *Advances in Applied Probability, Bernoulli, Extremes, Insurance: Mathematics and Economics, Journal of Applied Probability, Queueing Systems: Theory and Applications*, and *Stochastic Systems*, among others. His email address is jose.blanchet@stanford.edu.

WEIWEI CHEN is an Associate Professor in the Department of Supply Chain Management at Rutgers University. Prior to joining Rutgers, he worked at GE Global Research. He received his Ph.D. degree in Industrial Engineering from the University of Wisconsin-Madison in 2010. His research interests include data analytics in service operations, supply chain optimization, as well as simulation optimization and randomized global optimization. He is an Associate Editor of *INFORMS Journal on Applied Analytics, IEEE Transactions on Automation Science and Engineering*, and *Journal of Simulation*, among others. His email address is wchen@business.rutgers.edu.

CHRISTINE S.M. CURRIE is a Professor of Operational Research in Mathematical Sciences at the University of Southampton and a member of the Centre for Operational Research, Management Sciences and Information Systems (CORMSIS). She is Editor-in-Chief for the *Journal of Simulation*, has previously co-chaired the UK Simulation Workshop and was a proceedings editor in 2023. Her research interests include simulation optimization, applications of simulation in health care, optimal pricing and disaster management. Her email address is christine.currie@soton.ac.uk.

PETER J. HAAS is a Professor of Computer Science and an Adjunct Professor of Mechanical and Industrial Engineering at the University of Massachusetts Amherst. His research lies at the interface of information management, applied probability, statistics, machine learning, and computer simulation. He was a Research Staff Member at the IBM Almaden Research Center from 1987–2017 and a Consulting Professor in the Department of Management Science and Engineering at Stanford University from 1992-2017. He is a Fellow of INFORMS and ACM and an Associate Editor of *ACM TOMACS* and *ACM Transactions on Database Systems*. His email address is phaas@cs.umass.edu.

L. JEFF HONG is Fudan Distinguished Professor and Hongyi Chair Professor with joint appointment at School of Management and School of Data Science at Fudan University in Shanghai, China. His research interests include stochastic simulation, stochastic optimization, risk management and supply chain management. He is currently the associate editor-in-chief of *Journal of Operations Research Society of China*, the simulation area editor of *Operations Research*, an associate editor of *Management Science* and *ACM Transactions on Modeling and Computer Simulation*. His email address is hong_liu@fudan.edu.cn.

BRUNO TUFFIN received his PhD degree in applied mathematics from the University of Rennes 1, France, in 1997. Since then, he has been with Inria in Rennes. His research interests include developing Monte Carlo and quasi-Monte Carlo simulation techniques for the performance evaluation of telecommunication systems and telecommunication-related economical models. He is currently Area Editor for *INFORMS Journal on Computing* and Associate Editor for *ACM Transactions on Modeling and Computer Simulation* and *Queuing Systems*. He has written or co-written four books (two devoted to simulation): *Rare event simulation using Monte Carlo methods, La simulation de Monte Carlo* (in French), *Telecommunication Network Economics: From Theory to Applications*, and *From Network Neutrality to ICT Neutrality*. His email address is bruno.tuffin@inria.fr.

JIE XU is an Associate Professor in the Department of Systems Engineering and Operations Research at George Mason University. His research interests are stochastic simulation, simulation optimization, artificial intelligence/machine learning, and interdisciplinary applications in cloud computing, electric vehicles, health care, manufacturing, power systems, and transportation. He is an Associate Editor for *IISE Transactions, Journal of Simulation*, and *Asia-Pacific Journal of Operational Research*. His email address is jxu13@gmu.edu.