



## Press Release

For Immediate Release

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## SCS Welcomes Dr. Gabriel Wainer as New Editor-In-Chief of Simulation Journal

*Dr. Wainer brings to SCS 28 years of experience in Modeling & Simulation at SCS*

San Diego, CA, March 11, 2021 – The [Society for Modeling and Simulation International, SCS™](#) has named a new Editor-in-Chief of its journal *SIMULATION: Transactions of the Society for Modeling and Simulation International*, Dr. Gabriel A. Wainer Ph.D. He is succeeding former Editor-in-Chief; Dr. Mikel D. Petty Ph.D. Dr. Gabriel Wainer is currently a full professor and was previously Associate Chair for Graduate Studies at Carleton University in Ottawa, Canada. He is the head of the Advanced Real-Time Simulation Lab, located at Carleton University's Centre for advanced Simulation and Visualization. Dr. Wainer is an accomplished professional with extensive knowledge in the editorial and technological development of Modeling & Simulation.



Dr. Wainer received his received his Ph.D. in Computer Engineering with highest honors at the Université d'Aix-Marseille.III, France in 1998. Throughout his career, he has part of the Organizing Committee of over 50 international conferences (many of which were organized by SCS), and a member of the Program Committee of over 150 other conferences. He is one of the founders of the Symposium on Theory of Modeling and Simulation, SIMUTools, and the symposium on Simulation of Architecture and Urban Design (SimAUD). Prof. Wainer has established numerous formal collaborations (including exchange of students and researchers, and signing of Memoranda of Understanding) in various domains of Modeling and Simulation. Some of these include Spain, with the University of Valladolid (agent based and social modeling) and UNED (continuous systems modeling, Modelica), in France with INRIA Sophia Antipolis (reusability; distributed computing), IMS Center-University of Bordeaux (logistics M&S), and CNRS Marseille (Simulation Software), among many others.

As a researcher, he and his large team in the Advanced Real-Time Simulation Lab publish and average of 15-20 journal articles a year. Under his guidance, many of his students have gone on to win many prestigious awards in Modeling & Simulation as well as obtained Academic, Industry and Government positions from all over the world. He has been invited to share his research experiences as a Keynote/Plenary speaker in top venues like SummerSim, SPECTS, MASCOTS (IEEE International Symposium on the Modeling, Analysis, and Simulation of Computer and Telecommunication Systems), SIMULTECH, DS-RT, ACRI (Cellular Automata for Research and Industry), SIGSIM PADS, the WinterSim PhD Colloquium, China Simulation Conference, ECMS, among others.

Since 1998, Dr. Wainer has published 81 Journal and Magazine papers, 13 Edited Proceedings, 4 Books, 18 Book Chapters, and over 330 Conference papers. Microsoft Academic and Google Scholar in the fields

of Discrete-Event simulation and DEVS have consistently cited him as one of the top-20 researchers in the world. He currently published regularly in *SIMULATION*, as well as *Simulation, Practice and Experience*, *ACM Transactions on Modeling and Simulation (TOMACS)*, and *Journal of Simulation (Sage)*, *IJSPM*, *Simulation and Gaming* and *IEEE Computing in Science and Engineering*.

From early on in his career, Dr. Wainer has volunteered for many organizations and groups some including the following: being the chair of the Ottawa Section of the McLeod Institute of Science since 2002, chaired the DEVS Standardization Study Group at SISO in 2001, is a SCS representative at the Winter Simulation Conference Board of Directors since 2018, and elected as a member of the Methodologies Council of the Board of Directors from 2004-2006.

*“I have editing experience in numerous journals by different companies, which puts me in a good position to understand the issues with the work to be done at SIMULATION, in close collaboration with the editing company, the Editorial Board and the Managing Editor.” – Dr. Wainer*

He is also a member of the Editorial Board of *IEEE Computing in Science and Engineering*, *Wireless Networks (Elsevier)*, the *International Journal of Modeling, Simulation and Scientific Computing*, and the *International Journal of Simulation and Process Modelling (Inderscience)*, since 2004. He has been awarded Carleton University's Research Achievement Award in 2005 and 2014, the First Bernard P. Zeigler DEVS Modeling and Simulation Award, Carleton University's Mentorship Award in 2013, Nepean's Canada 150th Anniversary Medal in 2017, ACM Recognition of Service Award in 2018, and IEEE Outstanding Engineering Award (Ottawa Section) in 2019.

He has also contributed to SCS in many ways but not limited to being a member of the Board of Directors since 2000, and in has acted as Vice-President, Publications from 2010 to 2012, Vice-President, and Conferences from 2012 to 2016. He has been the Special Issues Editor of *SIMULATION: Transactions of the SCS* since 2008, was Associate Editor of *SIMULATION* between 2002-2008, he is an Associate Editor of the SCS *Journal of Defense Modeling and Simulation* since 2008. With SCS he is a 2016 SCS Fellow, a 2013 SCS Distinguished Professional Award recipient, a 2015 SCS Distinguished Service Award recipient, and a 2011 SCS Outstanding Professional Award recipient. His experience and expertise in the Modeling & Simulation field as well as with SCS will ensure success with the journal *SIMULATION: Transactions of the Society for Modeling and Simulation International*.

*SIMULATION* is the monthly-refereed transactions of the leading society devoted to advancing the discipline and profession of modeling and simulation. An archival journal in both print and electronic form, it consists of distinct sections—one devoted to theory, the other to applications. Published articles must have a clear relevance to general modeling and simulation issues. In addition to its archival mission, the journal aims to help professionals and researchers, particularly those involved in multidisciplinary projects, apply advances in modeling and simulation theory, methodology and technology to their application areas.

*SCS* is the world's premier professional society devoted to modeling and simulation (M&S). We serve individuals and organizations in more than 150 countries around the world. Our membership includes individuals from industry, government and academia whose interests span all aspects of M&S. Our Mission is to promote the use of modeling and simulation in ever-expanding application areas through education and providing a forum where the scientific basis for its foundations can be enriched through education and research.

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For more information about SCS or *SIMULATION*, visit <http://scs.org/> or [scs@scs.org](mailto:scs@scs.org).