



Mark Austin
Department of Civil and Environmental Engineering,
Institute for Systems Research,
University of Maryland, College Park, Maryland, USA.
E-mail: austin@isr.umd.edu

Mark Austin is an Associate Professor of Civil and Environmental Engineering at the University of Maryland, College Park. He holds a joint appointment with the Institute for Systems Research (ISR) and affiliate appointment with the Interdisciplinary Program of Applied Mathematics. From 2010 through 2015, he served as Technical Director of the Master of Science in Systems Engineering (MSSE) Program at ISR. Mark has a Bachelor of Civil Engineering (First Class) from the University of Canterbury, Christchurch, New Zealand, and M.S. and Ph.D. degrees in Structural Engineering from the University of California, Berkeley.

Mark Austin's research interests include development of model-based systems engineering design methodologies and tools for the synthesis and formal validation of cyber-physical systems. Application areas of interest include smart transportation systems, operation and control of energy-efficient buildings, and distributed systems behavior modeling and validation for urban systems operations. Over this past decade this work has been supported by generous grants from NIST (National Institute for Standards and Technology) and the US Department of Defense.

Mark has contributed to IARIA conference activities since 2014 in a variety of roles from co-author, keynote speaker, panel moderator, session chair, member of the technical program committee and member conference advisory committee. Mark's graduate students have won best paper awards in 2015 and 2017, and have published a series of journal paper in the International Journal On Advances in Systems and Measurements.