

Title: Publishing Successfully in the IEEE Transactions on Education

Workshop Abstract

Abstract: The Editorial Board of the *IEEE Transactions on Education* wants to help authors succeed in publishing in the journal. To do this, authors must be able to choose the appropriate area of scholarship for their work and prepare manuscripts that address the review criteria for the selected area of scholarship. Workshop participants will be able to: (i) select the appropriate area of scholarship using Boyer's model: discovery, integration, or application and (ii) address specific review criteria. Many of the manuscripts that are submitted to the journal are submitted for the Scholarship of Application. For this area of scholarship, the workshop will concentrate on two review criteria: at the end of the workshop participants will be able to (a) prepare learning outcomes and (b) select assessment processes and tools to evaluate student learning. The workshop format is intended to promote interaction between participants and the facilitator.

Workshop Facilitator

Jeffrey E. Froyd, Texas A&M University, Editor-in-Chief, IEEE Transactions on Education

Dr. Jeffrey E. Froyd received the B.S. degree in mathematics from Rose-Hulman Institute of Technology and the M.S. and Ph.D. degrees in electrical engineering from the University of Minnesota, Minneapolis. He is a TEES Research Professor in the Engineering Student Services and Academic Programs at Texas A&M University, College Station. He has been an Assistant Professor, Associate Professor, and Professor of Electrical and Computer Engineering at Rose-Hulman Institute of Technology. He served as Project Director for the Foundation Coalition, a National Science Foundation (NSF) Engineering Education Coalition in which six institutions systematically renewed, assessed, and institutionalized innovative undergraduate engineering curricula. At Rose-Hulman, he co-created the Integrated, First-Year Curriculum in Science, Engineering and Mathematics, which was recognized in 1997 with a Hesburgh Award Certificate of Excellence. He has authored over 70 papers on faculty development, curricular change processes, curriculum redesign, and assessment. Prof. Froyd is a Fellow of the IEEE, a Fellow of the ASEE, an ABET Program Evaluator, the Editor-in-Chief for the *IEEE Transactions on Education*, a Senior Associate Editor for the *Journal of Engineering Education*, and an Associate Editor for the *International Journal of STEM Education*. He has served as the general chair for the 2009 Frontiers in Education Conference and a program co-chair for three other FIE conferences.