

Let's Get the Real into Real-Time Computing

John A. Stankovic
University of Virginia

Since this is the 25th anniversary of RTSS, I begin this Keynote presentation by highlighting, with a critical eye, a number of key technical successes from the past 25 years. While it is satisfying that our field has been very successful and productive, I prefer to emphasize the future. Consequently, a large part of the presentation focuses on multiple technical ideas and research directions for the future of real-time computing. One theme for the proposed future directions is “We need to get the *real* into real-time computing.” If I am feeling brave I will conclude with several things we should *not* be pursuing.

Bio

Professor John A. Stankovic is the BP America Professor in the Computer Science Department at the University of Virginia. He recently served as Chair of the department, completing two terms. He is a Fellow of both the IEEE and the ACM. He also won the IEEE Real-Time Systems Technical Committee's Award for Outstanding Technical Contributions and Leadership. Professor Stankovic also serves on the Board of Directors of the Computer Research Association. Before joining the University of Virginia, Professor Stankovic taught at the University of Massachusetts where he won an outstanding scholar award. He has also held visiting positions in the Computer Science Department at Carnegie-Mellon University, at INRIA in France, and Scuola Superiore S. Anna in Pisa, Italy. He was the Editor-in-Chief for the IEEE Transactions on Parallel and Distributed Systems and is a co-editor-in-chief for the Real-Time Systems Journal. His research interests are in distributed computing, real-time systems, operating systems, and wireless sensor networks. Prof. Stankovic received his PhD from Brown University.