



KRISHNA M. KAVI is currently a professor of Computer Science and Engineering and since 2009, the Director of NSF Industry/University Cooperative Research Center for Net-centric and Cloud Software and Systems at the University of North Texas (UNT). The center includes four universities and 20 industrial concerns, contributing to more than \$1M per year in research expenditures. His other administrative experience includes serving as the Chair of Computer Science and Engineering department at UNT for the period of 2001-2009. During his tenure, the department has grown significantly in terms of enrollments, research publications and extramural research funding. He also had held the Eminent Scholar Chair Professorship in Computer Engineering at the University of Alabama in Huntsville from 1997-2001. Prior to that, he was on the faculty at the University of Texas at Arlington. He was a program manager at the US National Science Foundation from 1993-1995. He received a Bachelors degree from the Indian Institute of Science, Bangalore, India and his MS and PhD degrees from Southern Methodist University, Dallas, Texas.

Kavi's research is primarily focused on Computer Systems including cache memories; emerging main memory technologies including 3D DRAMs, Phase Change Memories; dataflow architectures; processing in memory designs (PIM); hardware and software optimization; and performance evaluation. He also researched on some aspects of security, focusing on detecting and measuring software and system vulnerabilities, capturing security service level agreements (SSLA) and cache indexing techniques to prevent side-channel attacks. Previously he had worked on formal methods and verification of concurrent software systems. His research was described in more than 200 journal and conference articles. He had served as an editor of several international journals and on program committees. His research was supported by more than US \$7M funding from both governmental, state and industrial organization. He supervised 4 post-doctoral researchers, 15 PhD and 40 MS students.

Kavi has been regularly attending and participating in the ICSEA conferences since 2012 with research contribution and serving on panels as well as moderating them. His research is also published in IARIA journal.