

**IEEE SE Michigan Computer Society Chapter
Presents
Future of Computing in the “Post Moore’s Law Era”**



The speculated ending of Moore’s Law has created fear in the community. In the past few decades, the ending has been predicted on numerous occasions; namely, whenever a new daunting challenge was encountered. Is it really ending soon? We hope not, but it’s a self-fulfilling prophecy; it will end for those who believe the ending is nigh, and can cause them to give up! This talk will revisit these historic predictions and their validity, the state and maturity of emerging devices in the context of the continuation of Moore’s Law, and more importantly, the largely ignored, promising system-level opportunities and innovations intended to further Moore’s Law, as well as how to continue to deliver unprecedented compute performance for years to come.

Speaker Bio:

Shekhar Y. Borkar is these days at Qualcomm. Formerly an Intel Fellow, where he was with the Corporate Technology Group and Director of Microprocessor Technology Lab. While at Intel (which he joined in 1981), he worked on the design of the 8051 family of microcontrollers, iWarp multicomputer and high-speed signaling technology for Intel supercomputers. He has published over 60 articles and holds 41 patents. Shekhar is originally from in Mumbai, India. He received a master’s in EE from the University of Notre Dame (1981), and a master and bachelor in Physics from the University of Bombay (1979).

At Glance

- **When:**
Date: September 28th, 2021
Time: 06:00 – 7:30 PM
(EST/EDT)
- **Where:**
Online via Webex (to be shared only after you have a confirmed registration)
- **Audience:** OPEN to ALL*

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