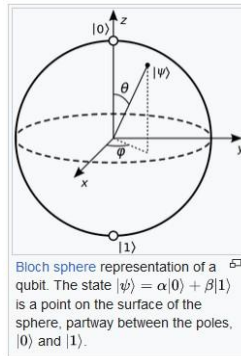# IEEE Southeastern Michigan
Presents a Distinguished Speaker Talk on
Current State of Quantum Computing

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Bloch sphere representation of a qubit. The state $|\psi\rangle = \alpha|0\rangle + \beta|1\rangle$ is a point on the surface of the sphere, partway between the poles, $|0\rangle$ and $|1\rangle$.

This talk begins with a brief overview of quantum computing, including essential concepts and historical milestones. Then current research is discussed. This includes work in quantum key distribution, quantum proof cryptography, and quantum information. The current status of developments in quantum computing are covered. This means this talk is updated every time it is given

Speaker Bio:

Dr. Chuck Easttom is the author of 32 books, including several on computer security, forensics, and cryptography. He has also authored scientific papers on digital forensics, cyber warfare, machine learning, cryptography, and applied mathematics. He is an inventor with 22 computer science patents. He holds a Doctor of Science in cyber security, a Ph.D. in Nanotechnology, and a Ph.D. in computer science as well as three master's degrees (one in applied computer science, one in education, and one in systems engineering). He is a senior member of both the IEEE and the ACM. He is also a Distinguished Speaker of the ACM and a Distinguished Visitor of the IEEE.

Pre-Registration Required!

https://events.vtools.ieee.org/m/405117

Quick Summary

- When:
  Date: March 12th, 2024
  Time: 06:00 – 7:30 PM (EST/EDT)

- Where:
  ONLINE/Virtual via WEBEX

- Audience: OPEN to ALL

Sponsored by IEEE Southeastern Michigan Computer Society Technical Chapter