Data-Enabled Computational Engineering and Applied Quantum Computing

QUBITS IN PLAY: YOUR FIRST STEPS INTO QUANTUM COMPUTING

Friday, November 13, 2026 | 2:00PM - 4:00PM, AME 106

Presented by: **Mohammad Mehedi Hasan Akash,** Postdoctoral Scholar, Department of Mechanical and Aerospace Engineering, FAMU-FSU College of Engineering

Bring your laptop!

About Qubits in Play: Your First Steps into Quantum Computing

What if a bit didn't have to choose between 0 and 1? In this hands-on workshop, you'll learn the basics by playing Qubit Touchdown, a quantum board game, and then build your first quantum circuits. No prior quantum computing experience is needed.

What will you learn from this workshop?

- Meet the qubit. Learn how qubits differ from classical bits and what superposition means.
- Try quantum gates. Change qubit states on the game board, then apply the same gates in a circuit.
- Predict measurement outcomes. See when a result is certain, when it depends on probability, and how interference can make some outcomes impossible.

Spring 2026 Workshops

February 6	Scientific Python for Engineers	Video
February 13	Research Management: Zotero & Obsidian	Video
February 20	Scientific Python for Engineers (II) Automating Data Analysis and Visualization	
March 6	Applied Machine Learning for Engineers	Video
March 27	Modal Analysis	Video
April 3	Applied CFD (SU2)	Video
April 10	MPI and GPU Programming	Video
April 17	JAX & Automatic Differentiation	Video

Fall 2026 Workshops

September 18	Intro to RCC resources	Video
September 25	Parallel MATLAB on the HPC	Video
October 2	Agentic-OpenFOAM	Video
October 30	Quantum Computing	
November 13	**Algorithms for Quantum Computing**	
November 20	Intro to Data Visualization in R	

For inquiries about DC-QC workshops, contact Dr. Iago Dal-Ri dos Santos, DC-QC Workshop Coordinator: idalridossantos@eng.famu.fsu.edu

Scan the QR code for more info:

DEPARTMENT OF MECHANICAL & AEROSPACE ENGINEERING

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