Data-Enabled Computational Engineering and Applied Quantum Computing

INTRODUCTION TO R/RSTUDIO

Friday, November 20, 2026 | 2:00PM - 4:00PM, AME 106

Presented by: **Nathanael Gay,** Assistant University Librarian, Strozier Library, Florida State University

Bring your laptop!

About Introduction to R/RStudio

We will take a tour of the RStudio IDE and code in R. We will load datasets, visualize the data using the ggplot2 package and do some basic data manipulation tasks using verbs from the tidyverse collection of packages. You will get the chance to practice all of these tasks.

What will you learn from this workshop?

- An understanding of what is in the RStudio IDE.
- Knowledge of how to go from data to a basic graph in the ggplot2 package.
- Some basic data manipulation skills using the tidyverse collection of packages.

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	Video
November 20	**Introduction to R/RSTUDIO**	
December 1	MATLAB and Agentic AI	

For inquiries about DC-QC workshops, contact Professor 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

FAMU-FSU College of Engineering