



NTHRYS WORKSHOPS

Advanced Techniques In Matlab

8:45 AM - 10:15 AM: Session 1: Advanced MATLAB Programming

Introduction to advanced programming techniques in MATLAB.
Hands-on session on using advanced functions and toolboxes.
Practical demonstration of advanced programming applications.

10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Data Analysis and Machine Learning

Exploring data analysis and machine learning in MATLAB.
Workshop on using MATLAB for statistical analysis and machine learning.
Case studies on the applications of machine learning in MATLAB.

12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Image and Signal Processing

Hands-on session on image and signal processing techniques.

Exploring techniques for processing and analyzing images and signals.
Practical applications of MATLAB in image and signal processing.

2:30 PM - 2:45 PM: Short Break

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Optimization Techniques

Workshop on optimization techniques in MATLAB.
Practical techniques for solving optimization problems.
Case studies on the role of optimization in engineering and science.

4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break

Last networking opportunity with snacks.

4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption

Group discussions on implementing new techniques learned today.
Dialogue on overcoming challenges in adopting new technologies in similar sectors.
Feedback session and closing remarks.

Certificate Issue

5:30 PM: Workshop Concludes