Matlab In Biomedical Research

8:45 AM - 10:15 AM: Session 1: Role of MATLAB in Biomedical Research

Overview of the importance of MATLAB in biomedical research.
Hands-on session on using MATLAB for biomedical data analysis.
Case studies on the impact of MATLAB in biomedical research.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: MATLAB in Genomics and Proteomics

Exploring the role of MATLAB in genomics and proteomics.
Workshop on using MATLAB for analyzing genomic and proteomic data.
Case studies on the applications of MATLAB in omics research.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: MATLAB in Medical Imaging

Hands-on session on the use of MATLAB in medical imaging.

Exploring techniques for processing and analyzing medical images.
Practical applications of MATLAB in developing medical imaging solutions.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Clinical Applications of MATLAB

Workshop on translating MATLAB research into clinical practice.
Practical techniques for using MATLAB in clinical settings.
Case studies on the impact of MATLAB on medical treatments.

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