Innovations In Medical Physics

8:45 AM - 10:15 AM: Session 1: Emerging Technologies in Medical Physics

Introduction to emerging technologies in medical physics.
Hands-on session on using advanced tools and techniques in physical research.
Case studies on innovative applications of new technologies in medical physics.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: AI and Machine Learning in Medical Physics

Exploring the role of AI and machine learning in medical physics.
Workshop on developing predictive models using AI and ML.
Case studies on the applications of AI in enhancing physical research.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Integrative Omics in Medical Physics

Hands-on session on integrating multi-omics data in medical physics.

Exploring techniques for combining genomics, proteomics, and metabolomics.
Practical applications of integrative omics in biomedical research.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Future Directions in Medical Physics

Discussion on emerging trends and future directions in medical physics.
Workshop on integrating new technologies in physical research.
Case studies on the potential impact of future innovations in medical physics.

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