Innovations In Ethnicity Prediction

8:45 AM - 10:15 AM: Session 1: Emerging Technologies in Ethnicity Prediction

Introduction to emerging technologies for studying ancestry.
Hands-on session on using CRISPR for ancestry research.
Case studies on innovative applications of genetic technologies.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Epigenetics and Ancestry

Exploring the role of epigenetics in ancestry prediction.
Workshop on analyzing epigenetic markers for ethnicity inference.
Case studies on the integration of epigenetics in ancestry research.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: AI and Machine Learning in Ethnicity Prediction

Hands-on session on using AI and machine learning for ethnicity prediction.
Exploring the development of predictive models.
Case studies on the application of AI in genetic 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 Ethnicity Prediction

Discussion on emerging trends and future directions in ethnicity prediction.
Workshop on integrating new technologies in ancestry research.
Case studies on the potential impact of future innovations.

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