

Speaker Bio:**Burak Yelmen**

Research Fellow at the Institute of Genomics, University of Tartu, Estonia

Burak Yelmen is a researcher at the Institute of Genomics, University of Tartu. His work focuses on understanding genomic variation using computational and statistical methods. His previous research has included the development of algorithms for population genetics and evolutionary biology, generative models for creating artificial human genomes, and interpretable deep learning approaches for identifying disease-associated genomic variants. He currently leads a project focused on developing interpretable and generative AI models to investigate the genetic basis of complex traits and the etiology of human diseases.