

Human Locomotion Prediction in Robotics

- **Human locomotion prediction**
 - ✓ Suitable for robot controllers [1] in human aware robot navigation
- **Unified human pose and motion trajectory prediction**
 - ✓ Training and inference on motion transformed sequence
- **Faster and real-time predictions on a mobile robot**
 - ✓ Compact non-autoregressive transformer for human locomotion prediction
- **Human navigation dataset**
 - ✓ DARKO: collected from 3D perception stack, egocentric view of our mobile robot

