UNLABELLED DATASET SSL - Task CKBIOBANK (100K participants, 700 K person days) Specific FEATURE Heads EXTRACTOR MULTI - TASK SELF-SURERVISED LEARNING AUXILLAR Y CSSL) CPre-training) TASKS FOR MTL CTranstor mations) Tri Axial Accelerometer DA7A WENERATE MULTI-RESMET SSL TASK SELF-SURERVISED Feature SENSOR DATA Vector TRANSFERRED WEIGHTED SAMPLING NETWORK SMALLER LABELLED DATASET FOR FINETUNING PREDICTED ACTIVITY CANADIAN LABELLED CLASSES TRIAXIAL WAIST WORN ACCELEROMETER DATA ACTIVITY FINE - TUNENG CLASSIFICATION DOWN STREAM FOUNDATION MODEL TRAINING HEAD