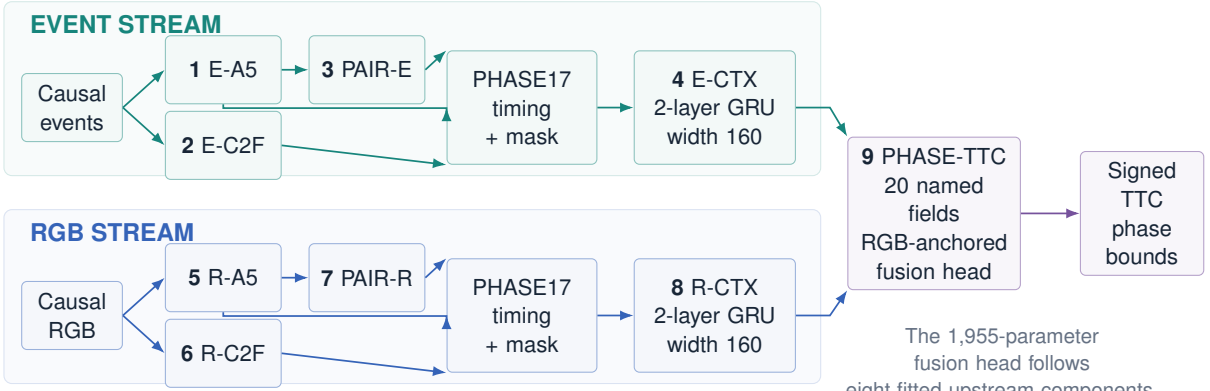
Causal measurements ⟶ temporal state ⟶ phase correction

Inputs: supplied object regions, synchronized timestamps, and observations available by query time t



Five out-of-fold rotations generate training features; inference executes one nine-component chain.