

# Multimodal Tracking

## Auxiliary Modality Purpose

### Feature Learning

#### Early Fusion

DLST, DSOH, DOHR, AMCT, DSKCF  
DMKCF, TACF, SEOH, WCO, ROTSL, OAPF

PGM, L1-PF, LCSCF, RCDL, ONMF, MSR  
LMCFT, CMR, SGT, RT-LSR, LGMG, MaCNet  
MLSR, JSR, CSR, CMCF, DAFNet, MANet  
DAPNet, FTSNet, TODA, MDNet-RGBT  
DiMP-RGBT, FANet

#### Late Fusion

CDG, MCBT, ARDM, RTKCF,

CFM, PGM, PLF, HTF, JMMAC

### Pre-processing

#### Scale Estimation

DSOH, DSKCF, SEOH, OACPF, CCF

### Post-processing

#### Occlusion Reasoning

3DT, ISOD, DOHR, DSKCF, TACF, CA3DMS, ROTSL  
CDG, OACPF, RTKCF, OL3DC, CSR-rgbd, CCF

JMMAC

## Tracking Framework

### Generative

#### Sparse Learning

ROTSL

MSR, RCDL, ONMF, LMCFT, RT-LSR, LGMG, MLSR  
JSR, CMR, SGT

#### Mean Shift

3DMS, CA3DMS

MST

#### Others

PGM, CFM

### Discriminative

#### Particle Filter

3DT, AMCT, ROTSL, OAPF

L1-PF, PLF, JSR

#### Correlation Filter

DSOH, DLST, DSKCF, OTR, DMDCF, TACF, SEOH  
WCO, ARDM, RTKCF, OACPF, CSR-rgbd, CCF

HTF, CSCF, FTSNet, CMCF, JMMAC

#### Deep Learning

OTOD

DAFNet, MANet, DAPNet, TODA, MDNet-RGBT  
DiMP-RGBT, FANet, CMPP, MacNet

#### Others

ISOD, CDG, MCBT, OL3DC, DOHR

RMR, CMR

## Dataset

### Public Datasets

PTB, CDTB, STC

OTCBVS, LITIV, GTOT, RGBT210, RGBT234

### Challenges

VOT-RGBD

VOT-RGBT