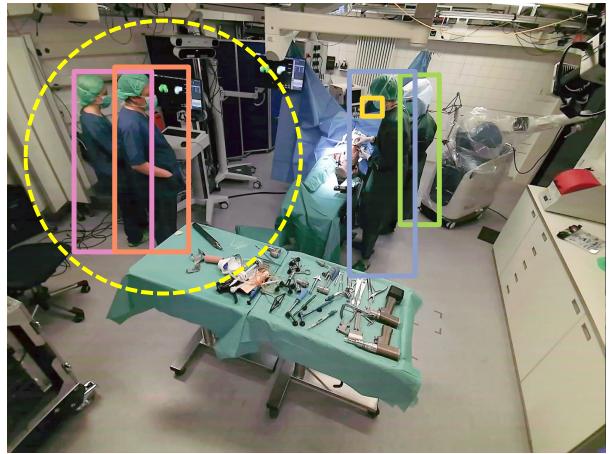


BoT Sort (2D)

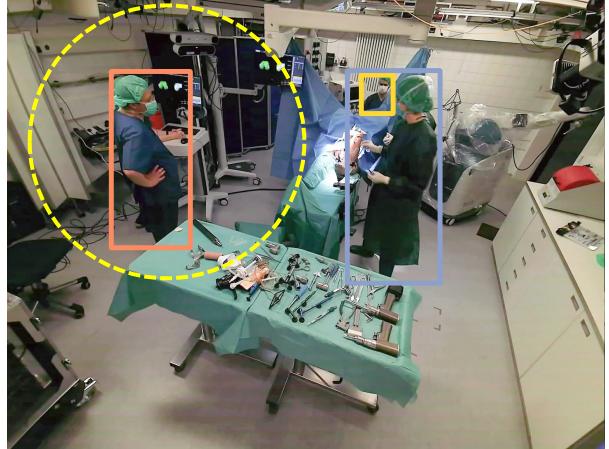
t



Detects
pink person

Detects
orange person

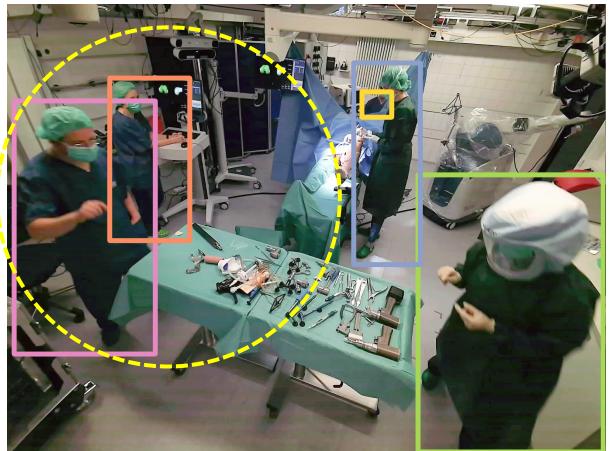
$t + \Delta$



Misses
pink person
(obstruction)

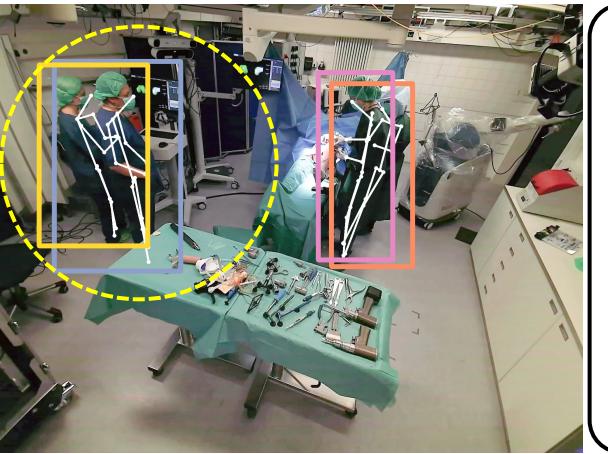
Detects
orange person

$t + \Delta + \Delta'$



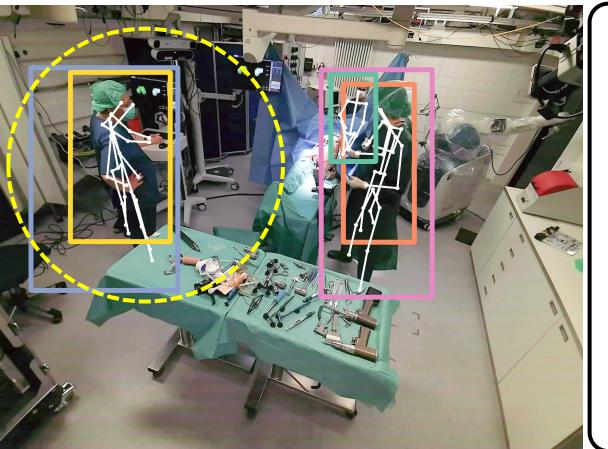
Swaps
pink person's
and
orange person's
identity X

TrackOR (3D)



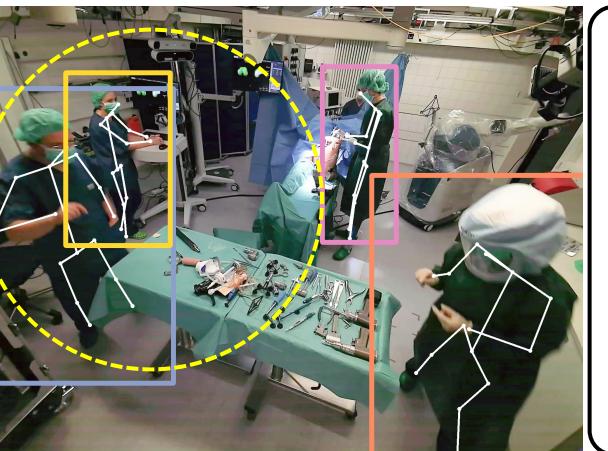
Detects
yellow person

Detects
blue person



Detects
yellow person
(3D poses)

Detects
blue person



Maintains
yellow person's
and
blue person's
identity ✓

Ground Truth

