**Problem:**
- Generic multi-tracker setup for AR applications with visual augmentations
- Transition between two trackers
- Trackers have varying error on their boundary

**Approach:**
1. Automatic estimation of trackers' working volumes (on- or offline process)
2. If object is in overlapping area, determine distances to boundaries
3. Interpolate tracker measurements according to distances

**Estimating the Working Volume:**
**Convex hull approach:**
- Update convex hull of measurement volume with every data item received
- Pro: fast, online updates
- Con: assumes tracker working volumes to be convex, susceptible to outliers

**Neural network approach:**
- Train neural network to act as classifier
- Pro: fast decision, adapts to arbitrarily shaped decision boundaries
- Con: slow offline training phase, no explicit representation of decision boundary

**Open Questions & Future Work:**
- Good measurements for distance estimation?
- Factors of applications influencing negative effects of jumps in visual augmentation
- Incorporate additional knowledge for estimation of working volumes