

Speech Filtered Bubble Ray

Improving Target Acquisition on Display Walls

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3 CONTENDERS



Must point within the target to select

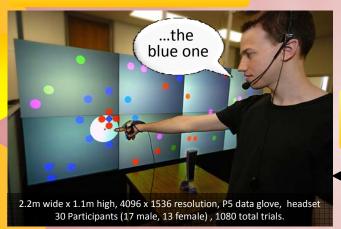


Nearest target is always selected



Speech filters the nearest target selection

THE CHALLENGE



Participants were asked to select targets on a large wall display as quickly and as accurately as possible. They performed selections over six different distracter configuration (described below)

ring (different colour)

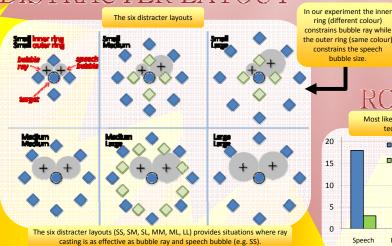
constrains the speech

RESULTS

Selection time separated by distracter layout Selection Time 3 Bubble Ray

ROUND 2 AG

DISTRACTER LAYOUT



10

technique 20 ■ Most Disliked 15 Speech Bubble Ray Ray Casting

Most liked and disliked

Errors separated by distracter layout Number of Errors 0. Bubble Ray

