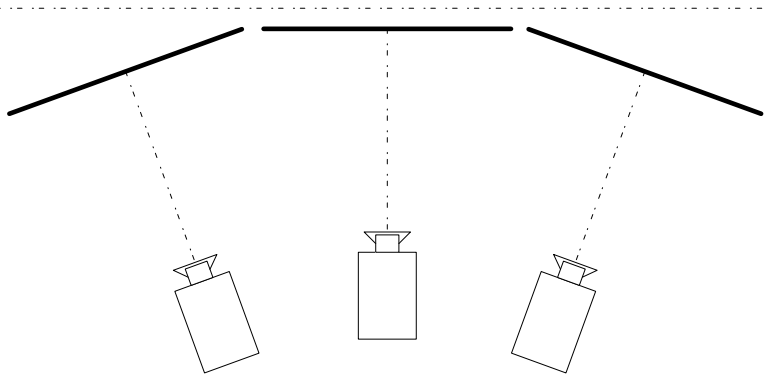


# Axis of capture Ticket #9

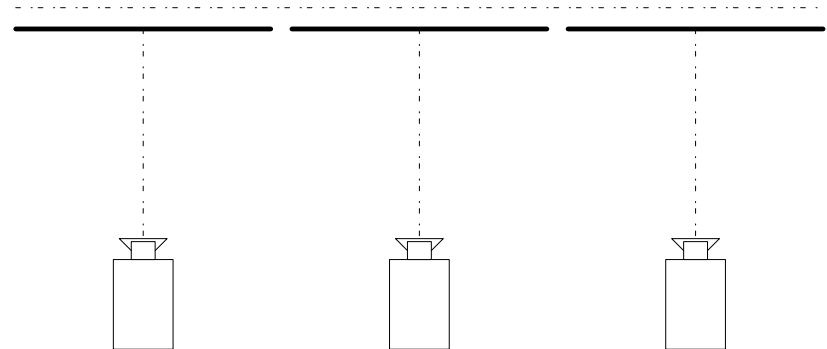
Stephan Wenger  
Vidyo

# Room Layouts

Central Camera(s)  
Ellipsoid/semi-circular seating



Camera allocated with screens  
Ellipsoid/semi-circular or linear classroom seating



This is what you see when displaying a picture captured from a side panel of a “ellipsoidal” room with central camera on a “linear” room side panel. (Without correction based on axis of capture, of course.)



Approximately 20 degree angle difference of axis of capture between left and right image.

# Proposal

- It is understood (I hope) that information about the capture axis allows consumer-side geometric correction
- An axis in 3D space is defined by 2 3D points
- We already have (optional) point for the camera position
- Add one more optional point in camera definition “axis of capture point” in 3D space. Solely to define axis of capture