Solent UniversityImmersive Web Video for Learning Engagement - Post Covid

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See intro Video here

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See the Intro Video at https://youtu.be/spn7UWe99-s



Southampton





Immersive Web Video for Learning Engagement Post Covid

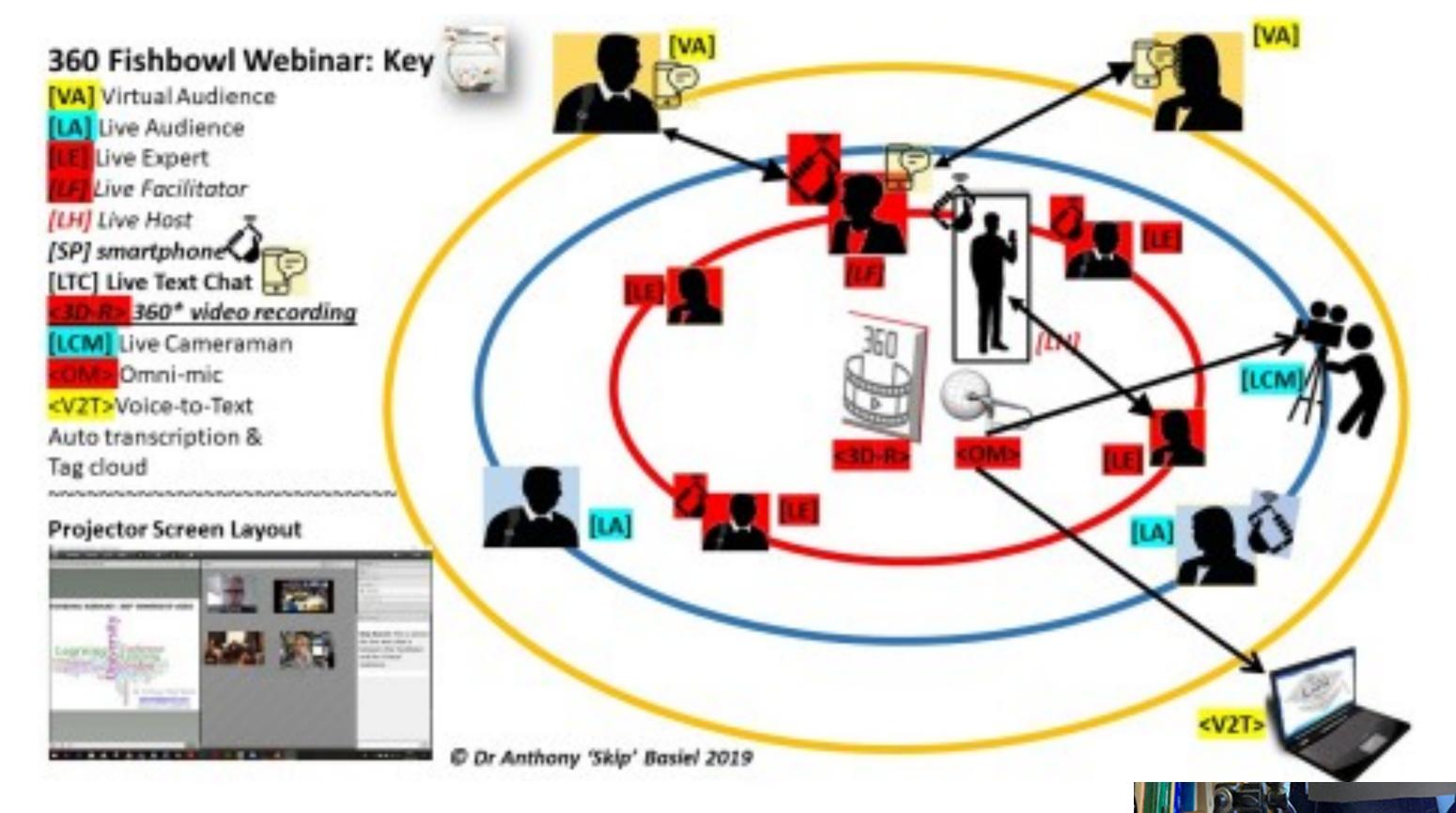
360° Immersive Webinar design Socratic discussion Model Multi-cam Active Learning Model Interim Report

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Summary
USP
Academic practice leads design

Active Learning in face to face classroom teaching - post Covid

360° Immersive Webinar design Socratic discussion Model

Multi-cam Active Learning Model

360° Socratic discussion Model Insta 360 AR camera



- The AR camera captures all speakers at once
- The video becomes a clickable recording so you can drag your view to get different perspectives of the participants



360° Socratic discussion Model Insta 360 AR camera



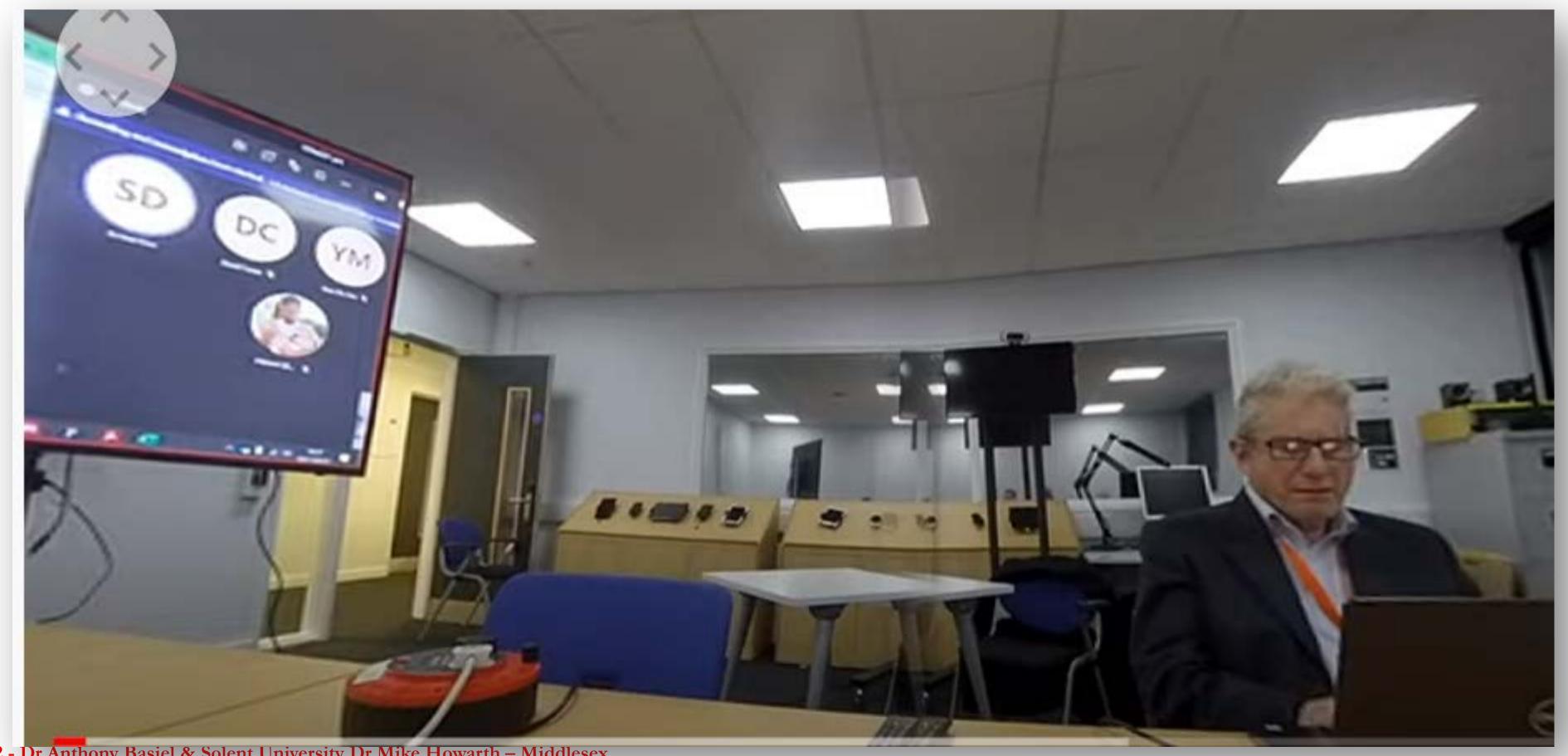
- Seating is done in a circle, not rows camera at centre
- The problem discussed is open-ended, no single right solution



360° Socratic discussion Model https://www.youtube.com/watch?v=2pdvsH1YOy0



- The large screen TV brings the online audience to the table
- The AR 360* gets all the action in the circle discussion





360° Socratic Discussion Model https://www.youtube.com/watch?v=2pdvsH1YOy0

 While you listen to the discussion of the video recording, you can see the reactions of the stakeholders



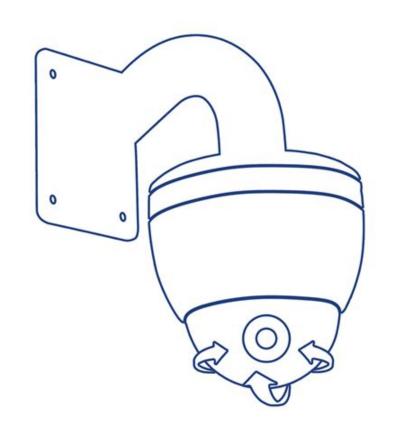
360° Socratic Discussion Model can become a 'fish bowl' exchange



- Next stage, an outer circle can be added for the face-to-face audience.
- When there is a question, the two people swap



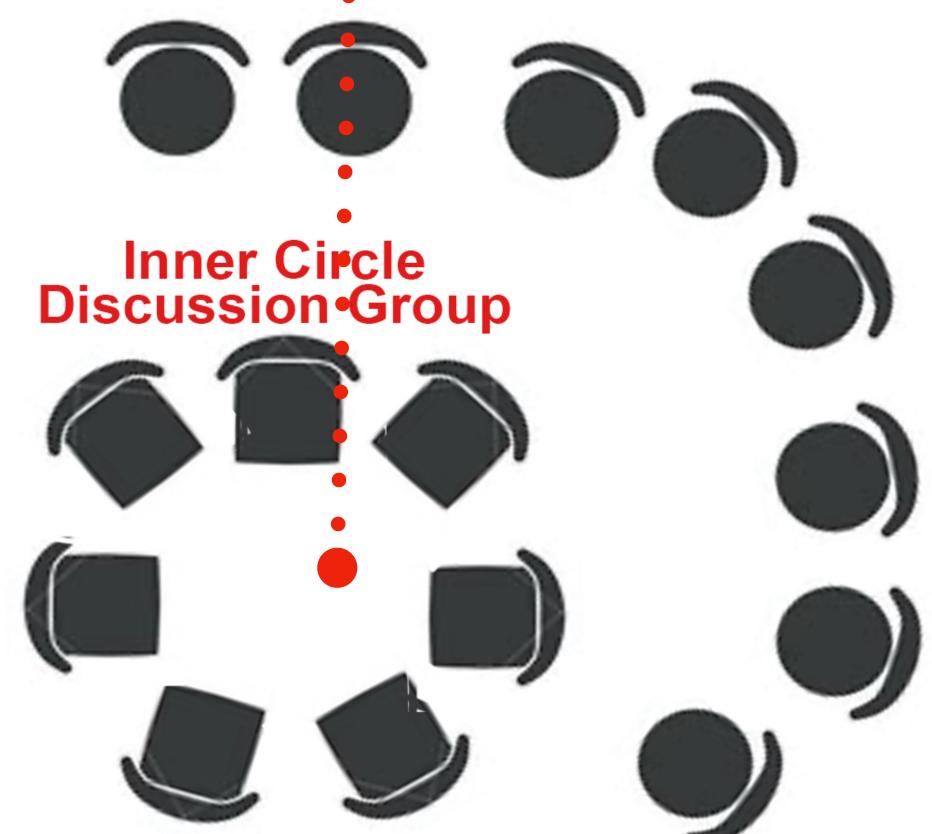
Multi-cam enhanced 45° teaching desk with switcher





360° camera suspended from ceiling

Outer Circle - students



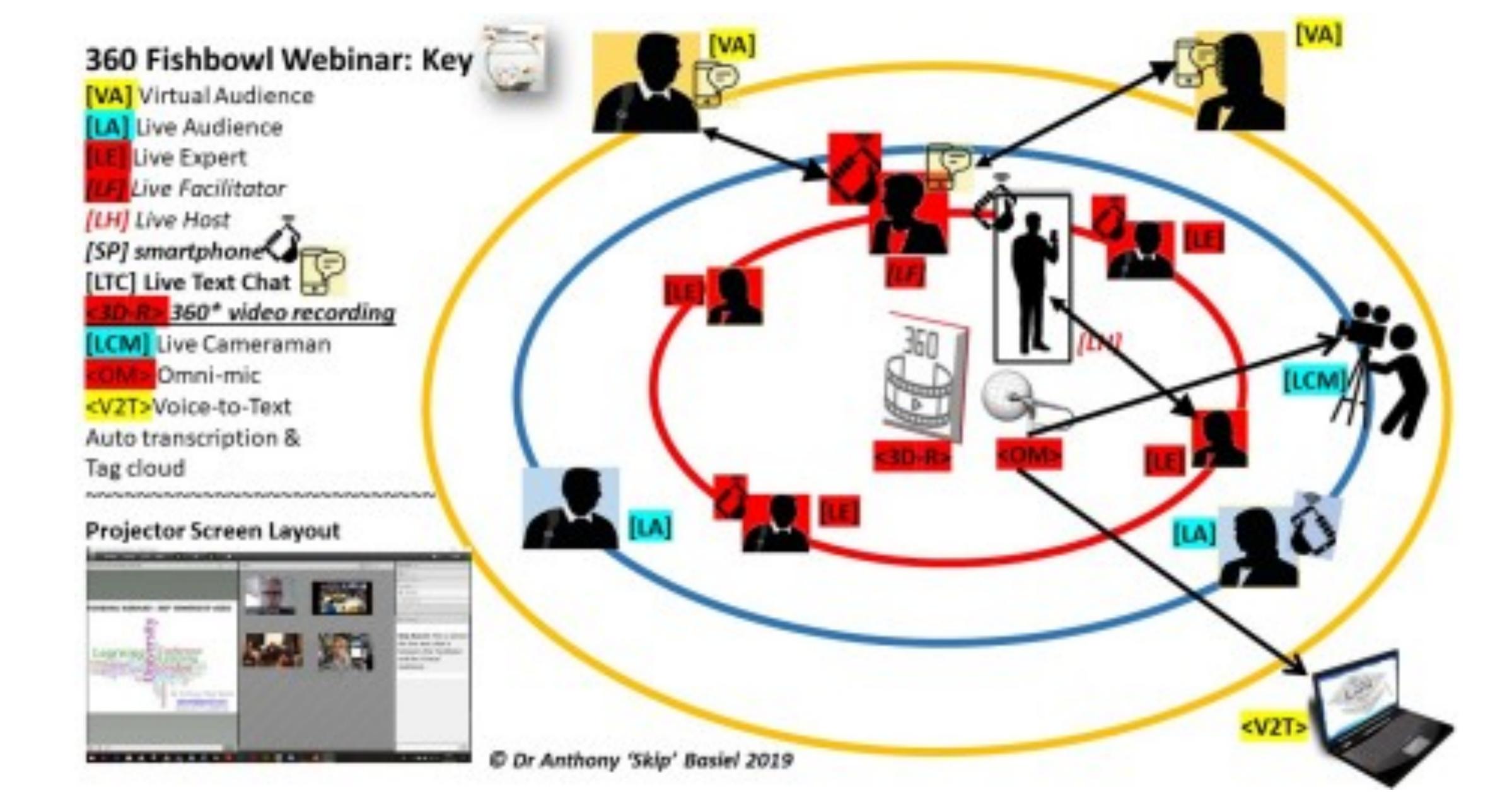
PTZ Video Cameras

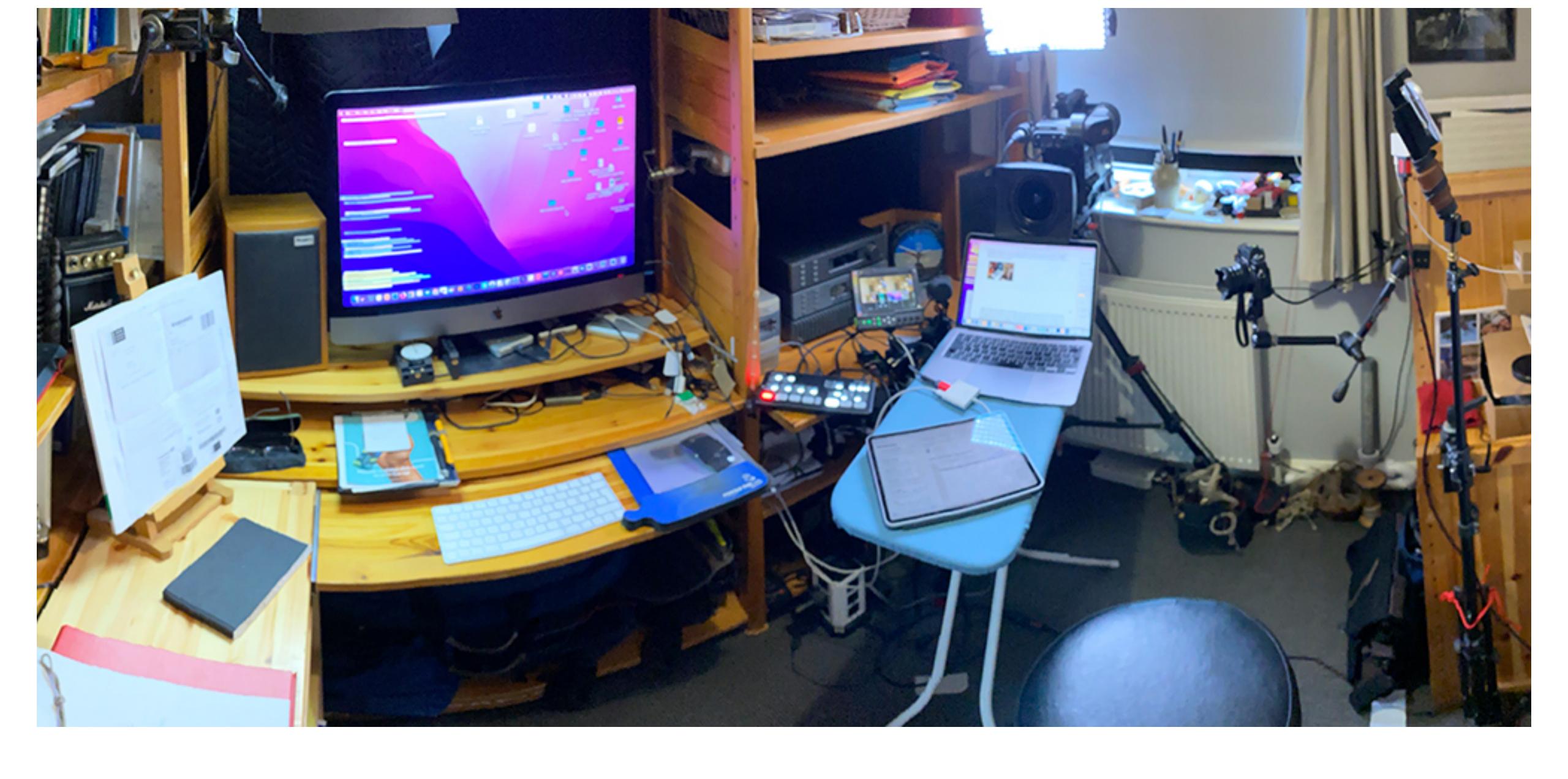


Facilitator
Camera

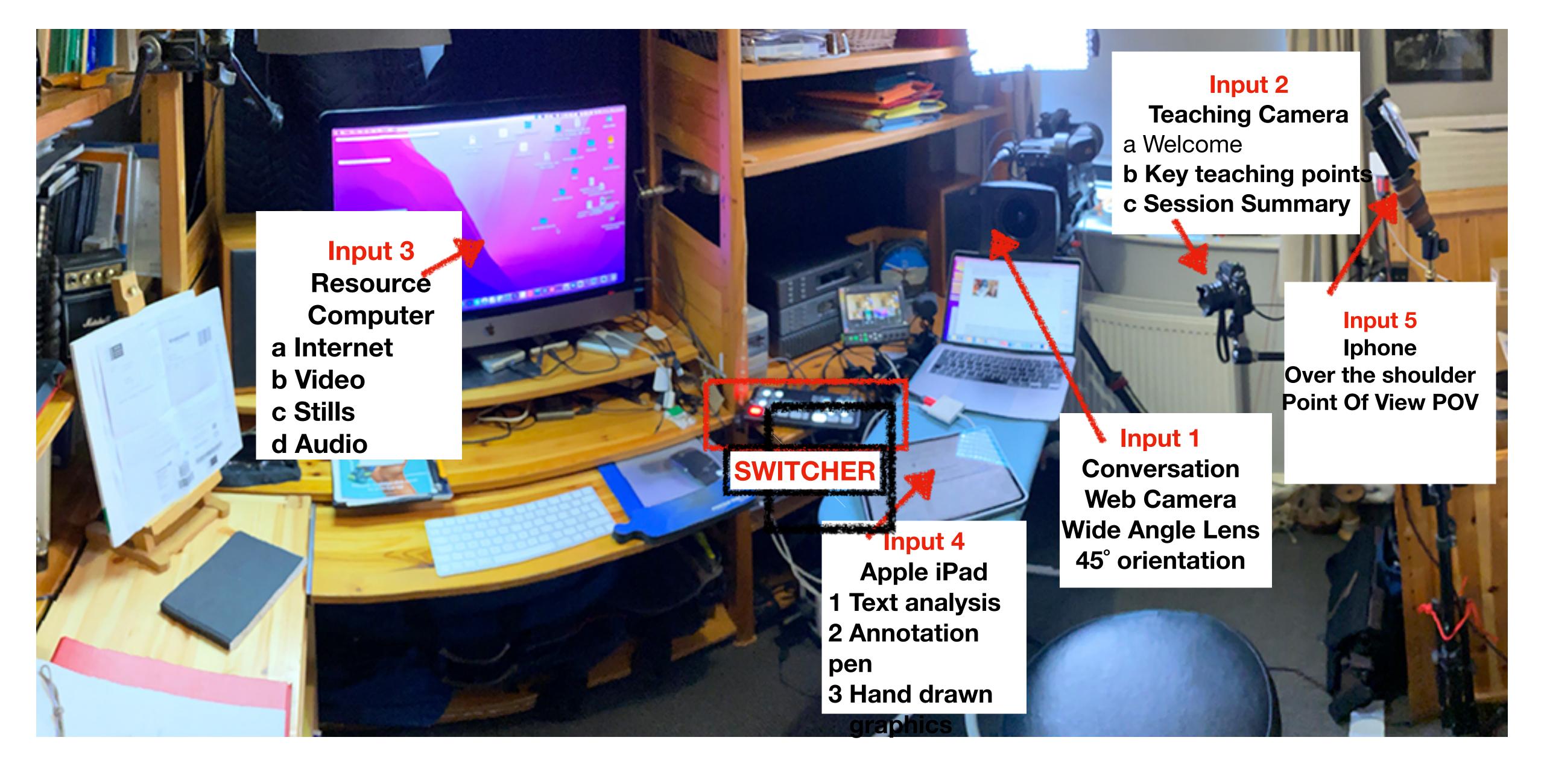


Digital Projector Screen

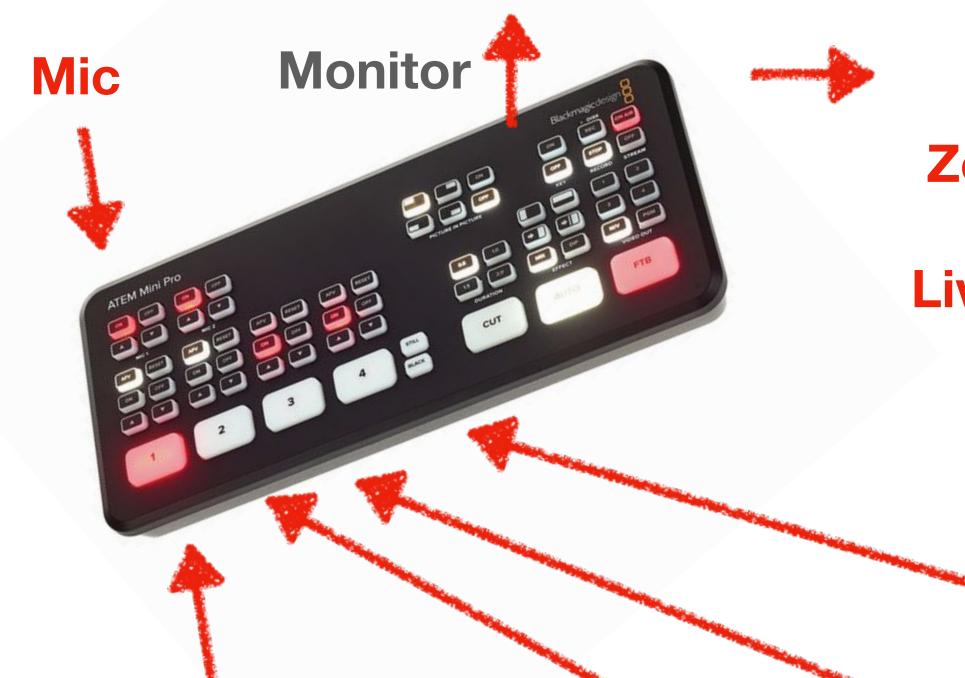




Multi-cam Active Learning Model



Multi-cam Active Learning Model testbed



Outputs
Zoom Laptop
Projector
Live streaming
Hard Drive

Heart of the action Blackmagic ATEM Mini Pro 'Switcher'

£230

HDMI cables £30-40

Input 1

Conversation
Web Camera
Wide Angle Lens
45° orientation

Input 4
Apple iPad

1 Text analysis

2 Annotation pen

3 Hand drawn

graphics

Input 5

Iphone

Over the shoulder Point Of View POV

Input 3

Resource

Computer

a Internet

b Video

c Stills

d Audio

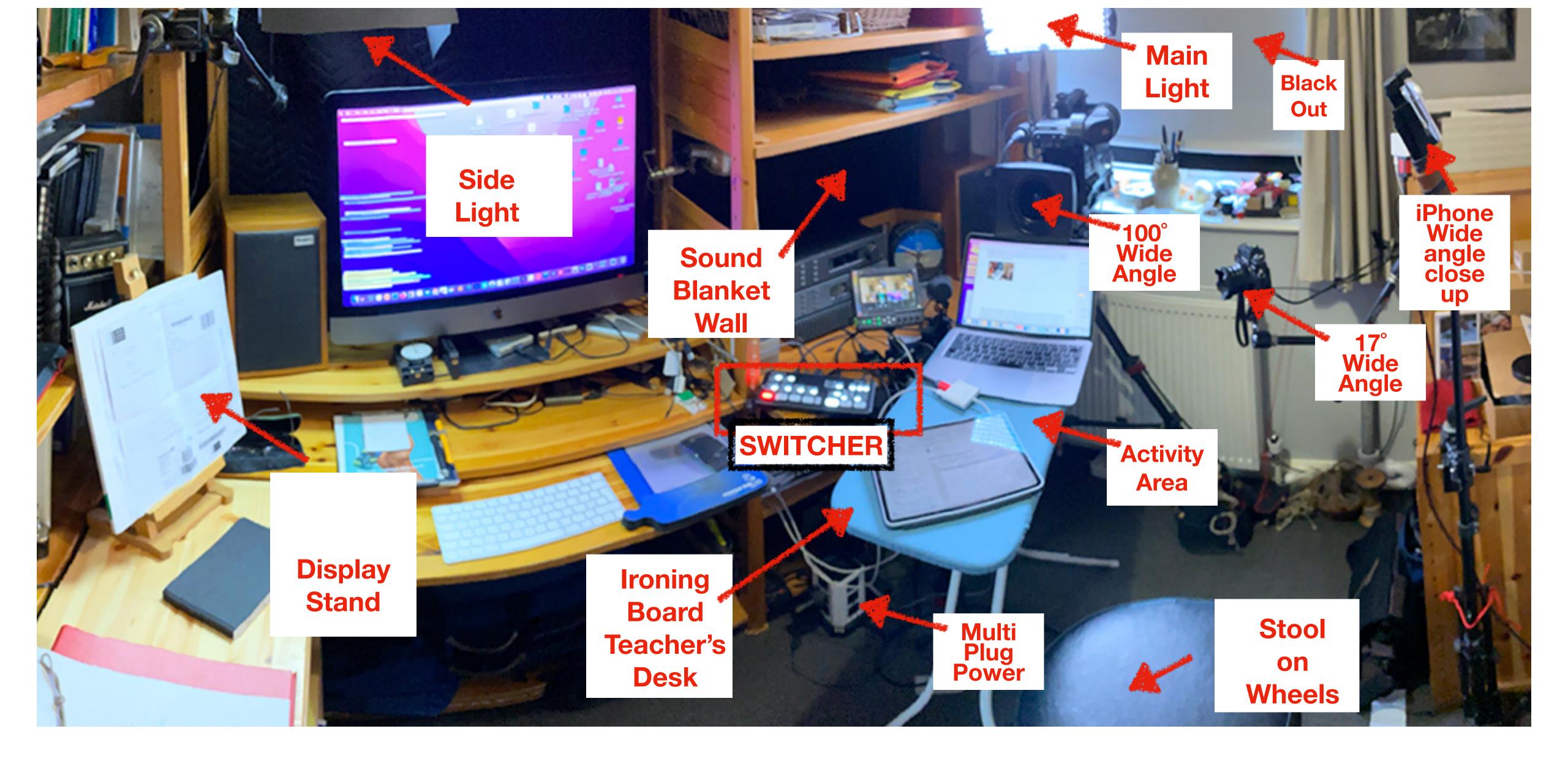
Input 2

Teaching Camera

a Intro

b Key points

c Summary



Active Learning Teacher's Desk Model elements

Summary

Academic practice practice leads design

USP Active Learning in face to face classroom teaching - post Covid

Interim Report

Data still to be collected

Case study online survey
Web video interviews of stakeholders
Online instructional designer experts

We are interested in finding research partners

e.g. U of Herts on the Ufi project. Contact abasiel@gmail.com

presentation paper