**31/10/2019**

**Participants:**

Adrian Persad, John Backwell, James Zhong and Muna Aghamelu

**Discussion points:**

* The challenge would be to track multiple couples. How would we create a reliable system?
* They’re different categories of a ballroom dance competition; duration of each competition is between 1 mins 15seconds – 1mins 30seconds and they’re different heats.
* Must find a way to standardise the dance, for example based on posture and musicality.

**Q:** How many couples will be on the dance floor?   
**A:** In the finals they’re about 6/8 couples

* Full 3D capture of dancer needed and needs to be sent automatically.
* Judging process is quick to prevent tampering; the decision is made there and there, marked after a dance.
* Playback of the dance can be used for educational purposes to highlight areas of concerns.

**Q:** What is the expected dance space  
**A:** 2000 square feet, competition dance floor about 60 x 40 square feet

* Regarding model it must be quite realistic. Adrian mentioned sending some videos of professional dancers for us to see. More appealing to have a realistic model.
* Skeletal tracking; capturing the technical and musicality (their time with the beat and how well they dance).
* Male/female distinction not needed, same sex dance is now legal.

**Q:** How hot can a room get, due to the functioning of cameras  
**A:** All venues tend to be well air conditioned so heat shouldn’t be a problem

* Roughly a 30/40 second break between dancers, capturing models must be fast.
* Shaun, technical expert, will send his schedule and coordinate when we can all meet.
* Best time to call is after 4pm UK time Monday - Thrusday