

## CSC 484—Ethics in AI

**My brain in real time. This technology can be used to control, e.g., plane flight in video games.**

**qEEG technology 2D high-resolution, realtime non-invasive brain mapping with 19 scalp electrodes, high-beta (21-25Hz) brainwave band (color indicates the high-beta amplitude):**

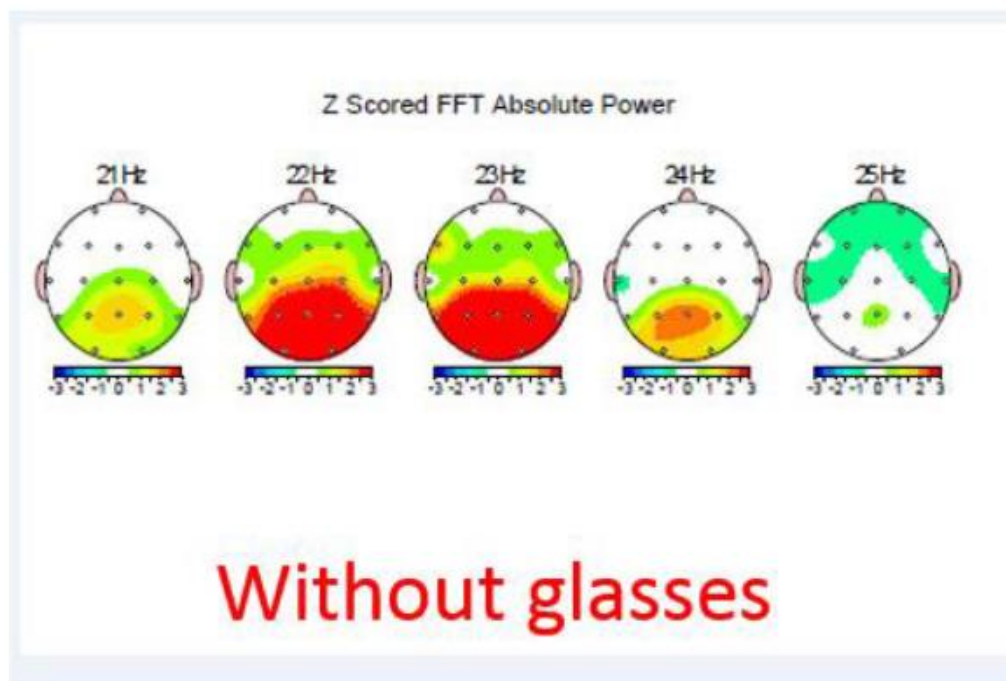


Figure 10 qEEG high beta range, condition without glasses

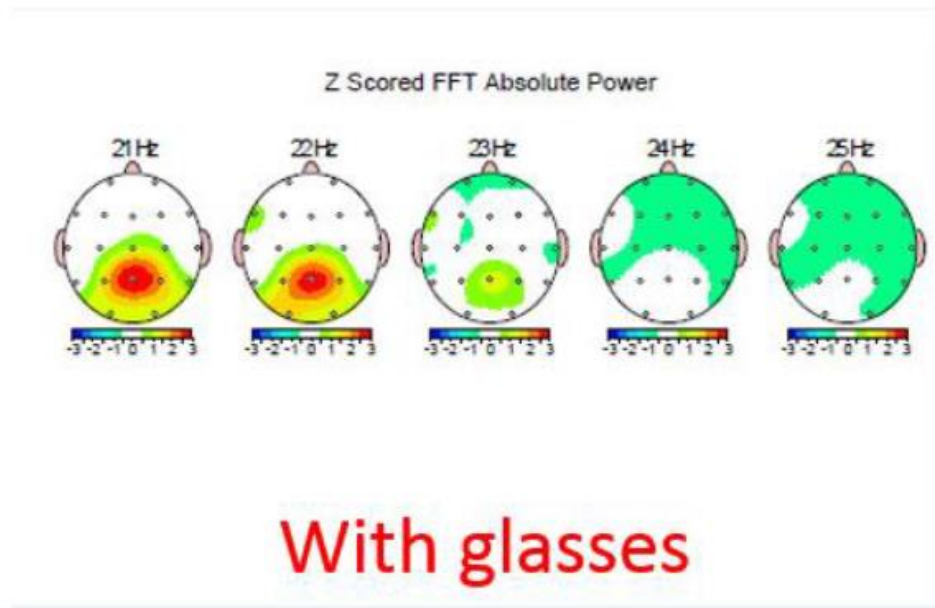


Figure 11 qEEG high beta range, condition with therapeutic glasses.

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**LORETA technology 3D high-resolution, realtime non-invasive brain mapping with 19 scalp electrodes, high-beta (21-25Hz) brainwave band, up to 6,000 individual 3D source regions traced in the brain (color indicates the high-beta amplitude):**

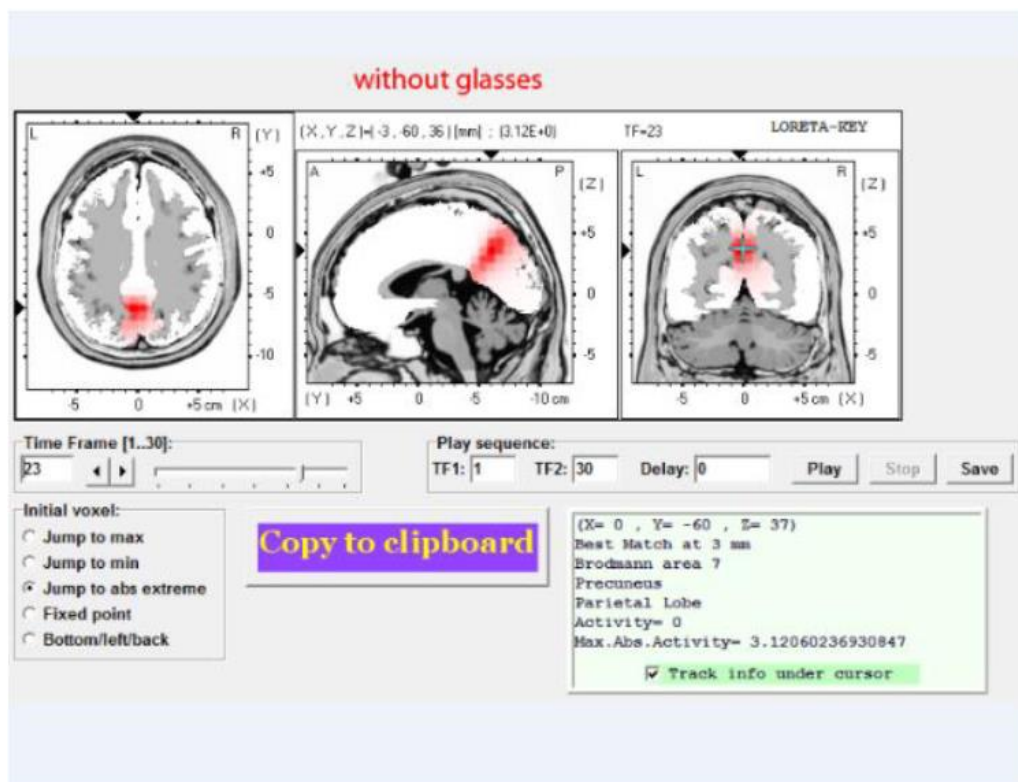


Figure 12 LORETA high beta range, condition without glasses.

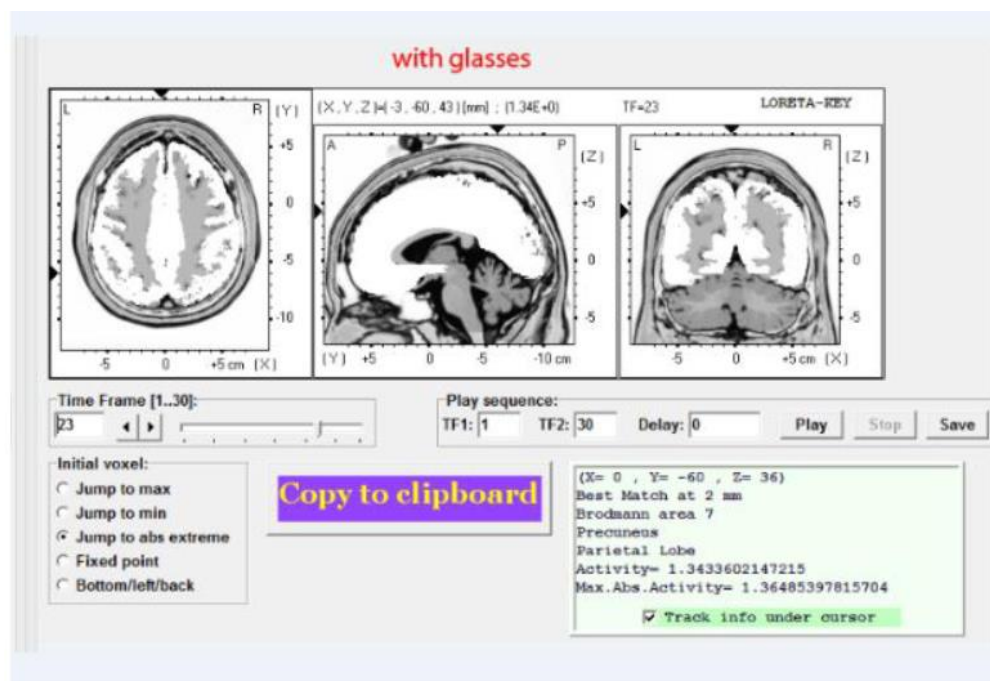


Figure 13 LORETA high beta range, condition with therapeutic glasses.