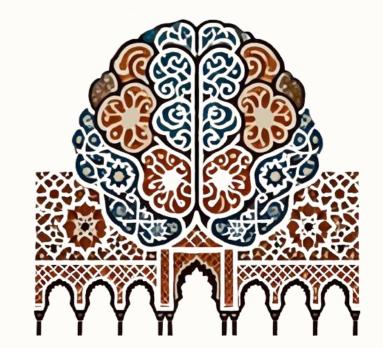




Attention and Consciousness Research Group





Can you see it? Brain-computer interfaces to modulate conscious perception

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Background

- Presence/absence of a stimulus and subjective perception can be decoded from the EEG signal
- Differences between conscious and unconscious perception (seen vs unseen stimuli)
- BCIs can integrate the observation of neural activity and direct manipulations
- They have been used in clinical applications, but also has a promising role in basic research
- Can we use BCIs to modulate perceptual awareness in healthy volunteers)?

