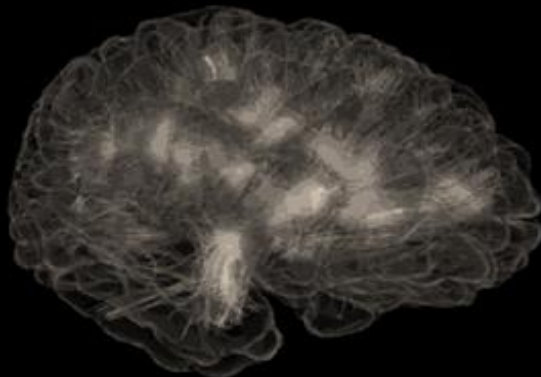


TUNING ALPHA RHYTHMS TO SHAPE CONSCIOUS VISUAL PERCEPTION

Francesco Di Gregorio*, Jelena Trajkovic*, Cristina Roperti, Eleonora Marcantoni,
Paolo di Luzzo, Alessio Avenanti, Gregor Thut, Vincenzo Romei



Tuning alpha rhythms to shape visual perception

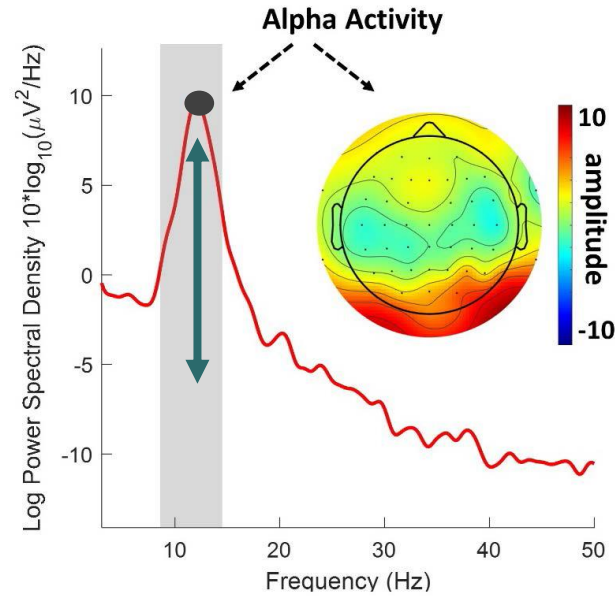
Come diversi parametri di attività alpha determinano gli aspetti oggettivi e soggettivi della nostra esperienza percettiva?

L'ACCURATEZZA PERCETTIVA

IAF

Campionamento
temporale

Campionamento
percettivo più
generale?

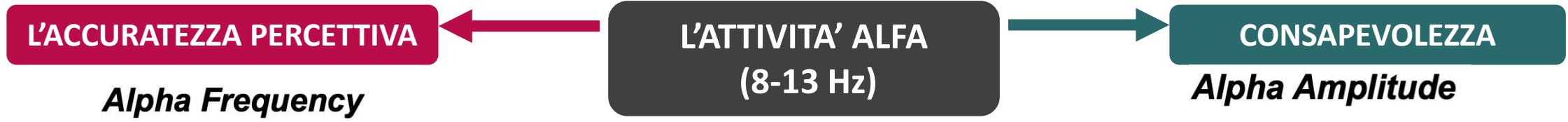
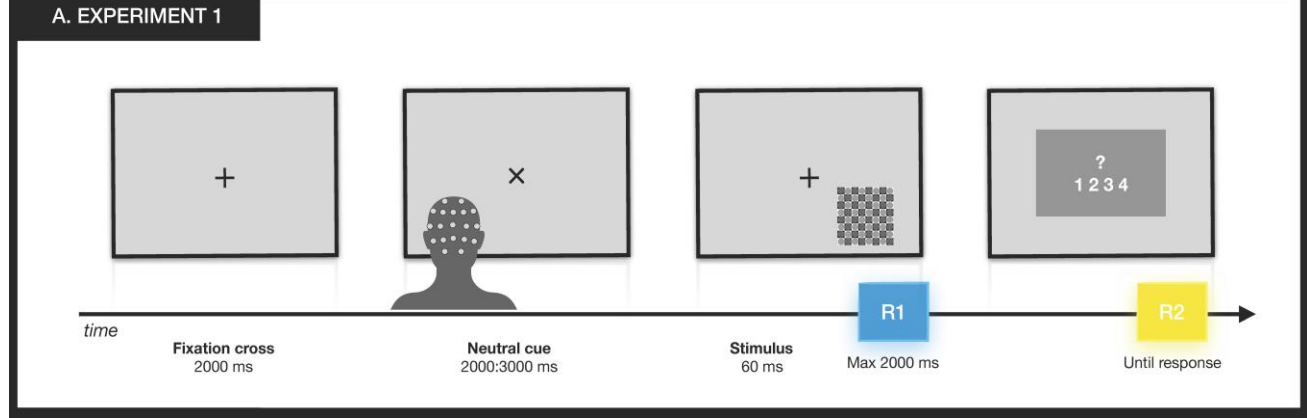


CONSAPEVOLEZZA

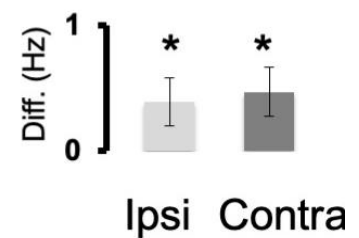
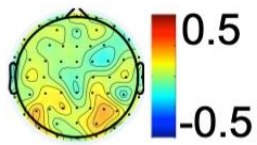
L'ampiezza di alfa

Eccitabilità
corticale

Il criterio della
risposta e il livello
della confidenza

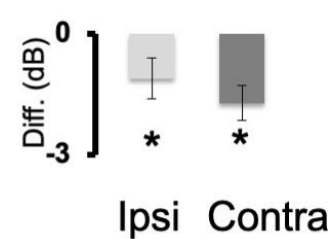
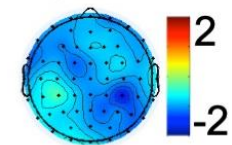


Correct-Error



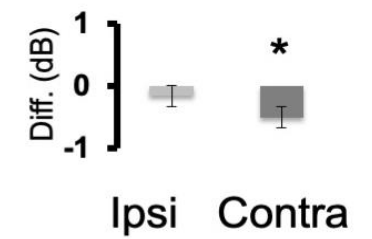
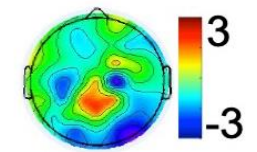
Pre-stimulus

High-Low

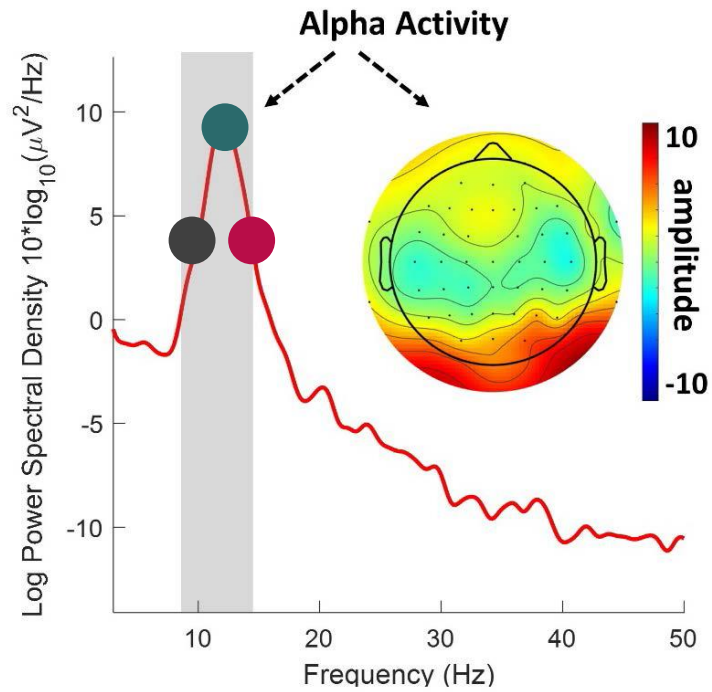


Post-stimulus

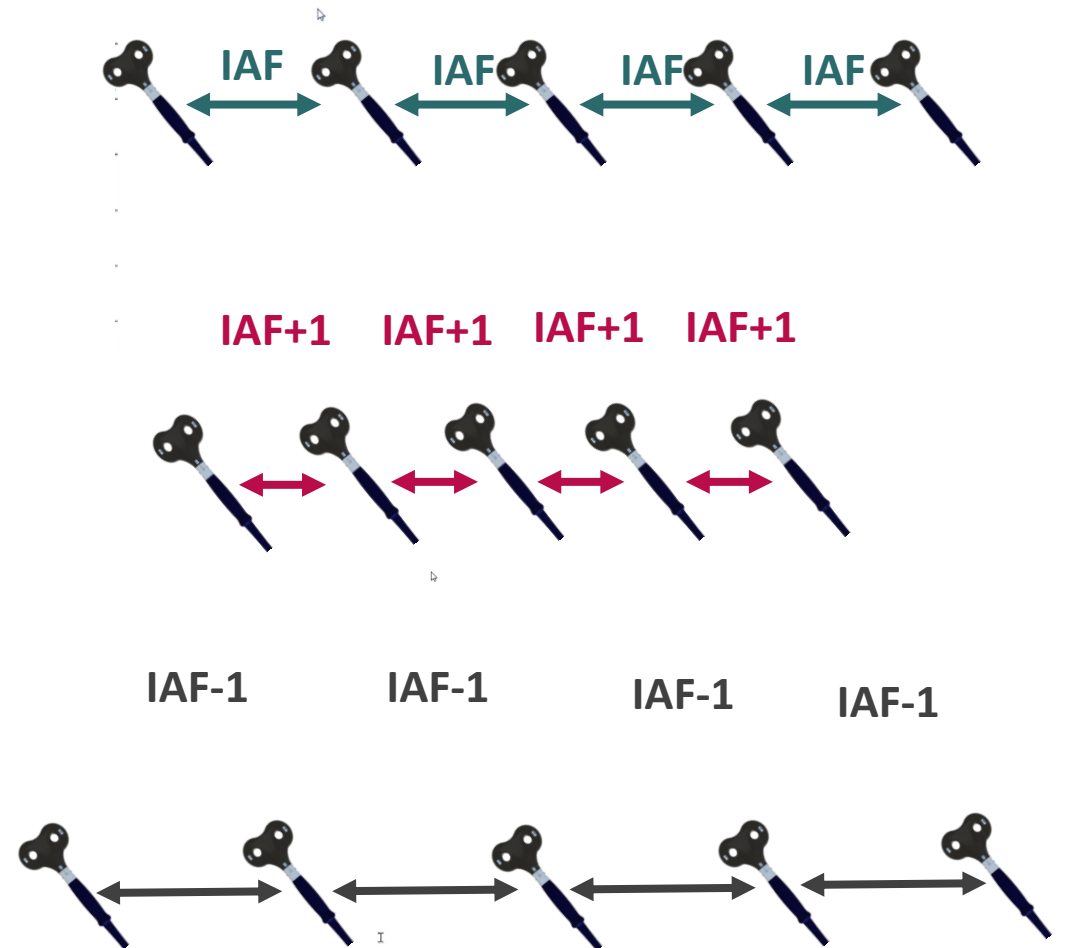
High-Low

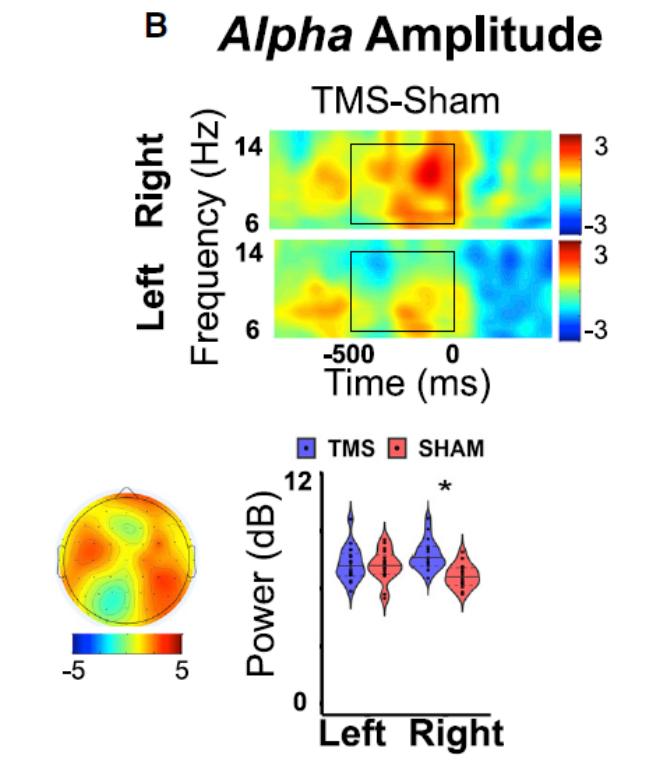
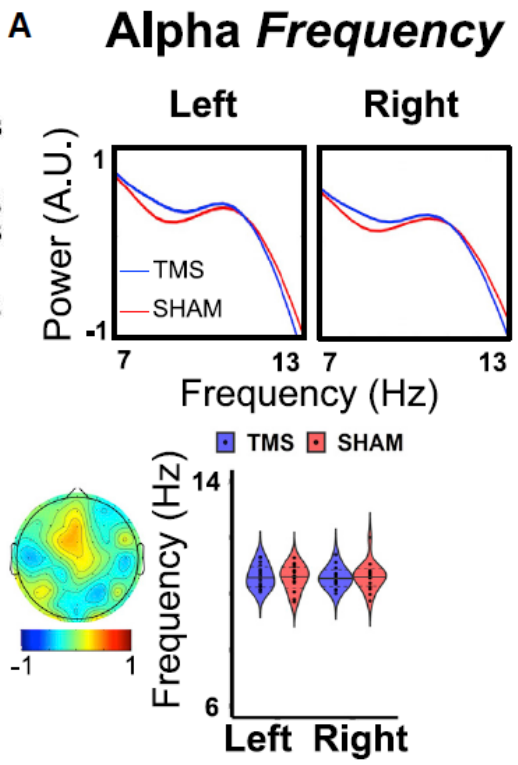
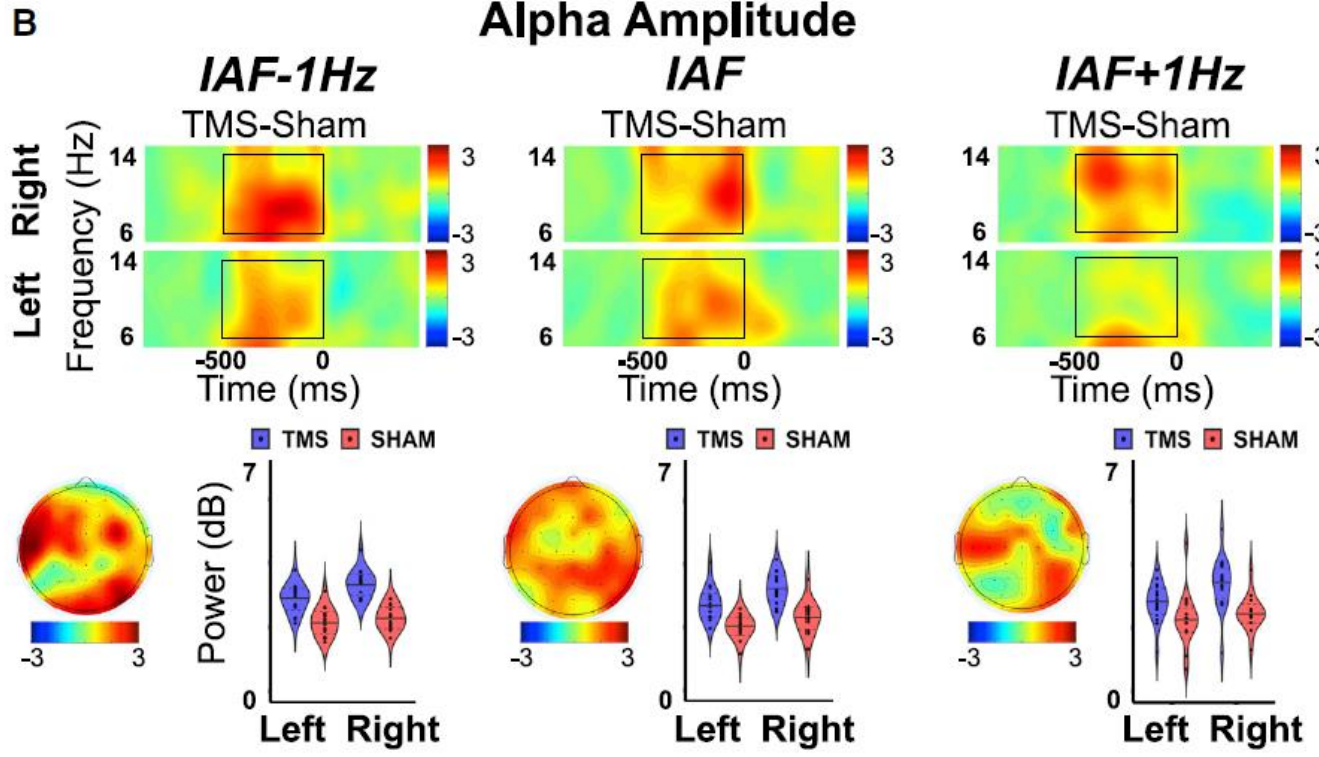
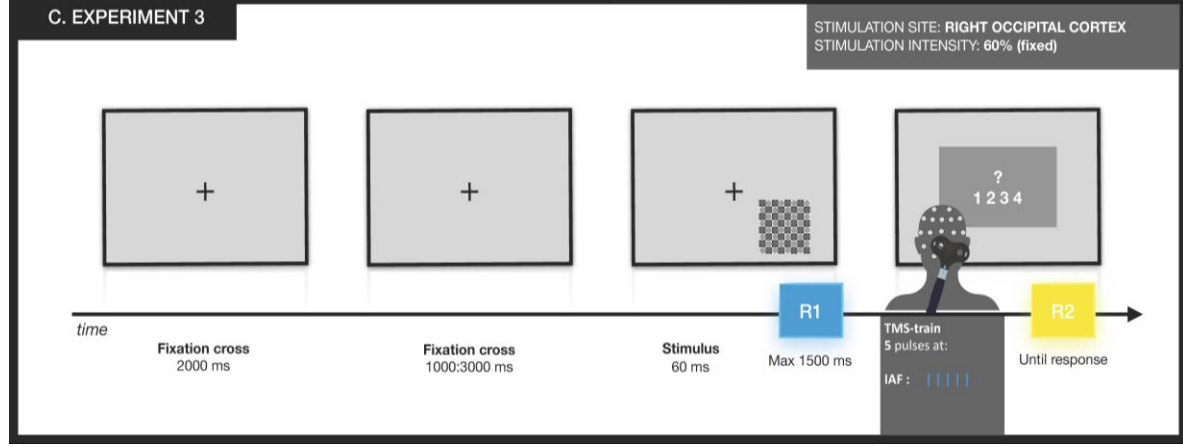
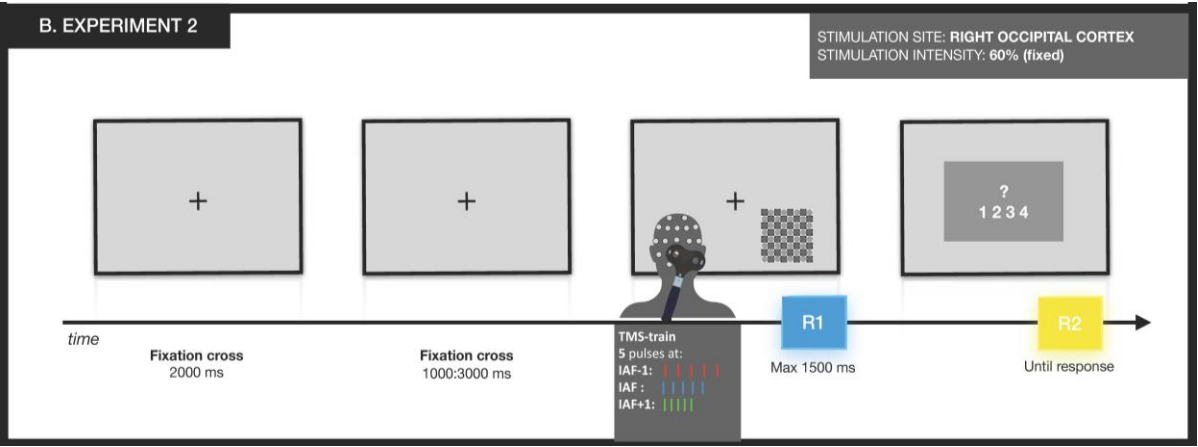


UTILIZZARE
NEUROSTIMOLAZIONE
PER INDAGARE I
POSSIBILI LINK CAUSALI



L'APPROCCIO RITMICO: usa il metodo TMS-EEG per interagire con le onde cerebrali via l'impulsi multipli

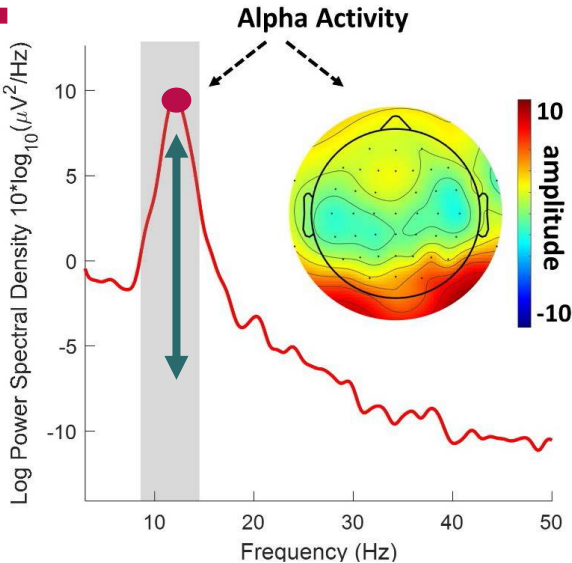




Dissociazione funzionale tra l'accuratezza della nostra percezione e come essa viene interpretata

IAF

Il meccanismo del campionamento spaziale e temporale



L'ampiezza di alfa

Scelta liberale o conservativa nel giudizio della confidenza

Modulata dal evidenza sensoriale in arrivo

L'effetto post-percettuale sulla metacognizione

Article

Tuning alpha rhythms to shape conscious visual perception

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[Paolo Di Luzio](#)², [Alessio Avenanti](#)^{2,3}, [Gregor Thut](#)⁴, [Vincenzo Romei](#)^{2,5,7,8,9} 