

Neural Computations in the Auditory Brain

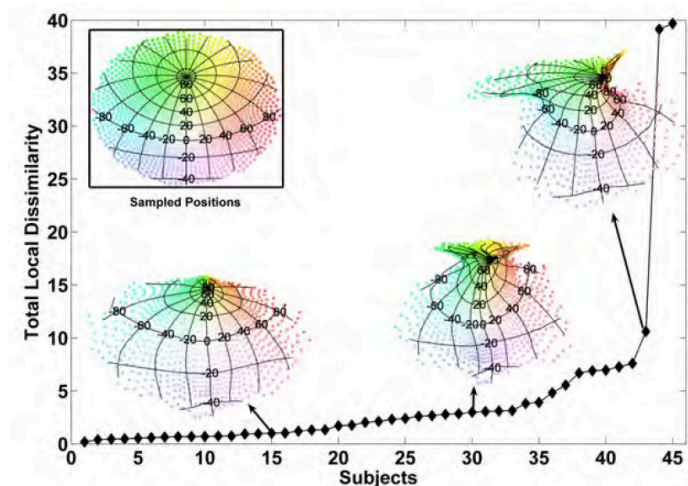
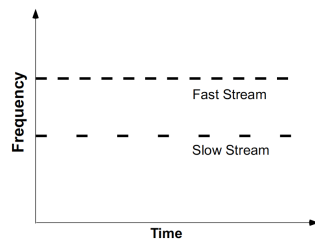
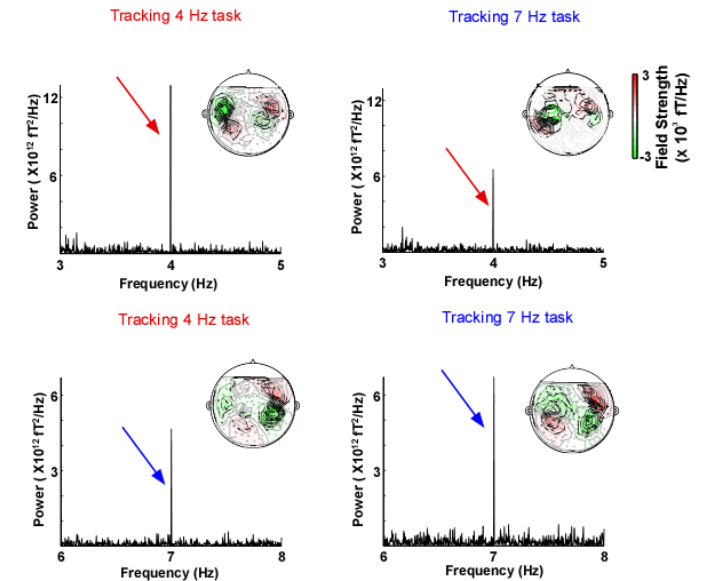
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Auditory Streaming & the Cocktail Party Effect

ISR collaborators: Mounya Elhilali, Juanjuan Xiang, & Shihab Shamma

- Stream Segregation & Magnetoencephalography (MEG)
- Attentional Modulation of Neural Representation
- Neural Correlate of Behavioral Buildup



Sensorimotor Learning of Auditory Space

ISR collaborators: Murat Aytekin & Cindy Moss

- Motor System + Proprioception → Auditory Space
- Tested for both humans and bats
- Algorithm makes “natural” errors