# Fieldtrip - Introductory course

## Pre-Meeting

Nathan Weisz

# A reminder for ~95% of all cognitive neuroscientists

"Methods are *tools* to address scientific questions. They are by themselves not the scientific question."

-Nathan

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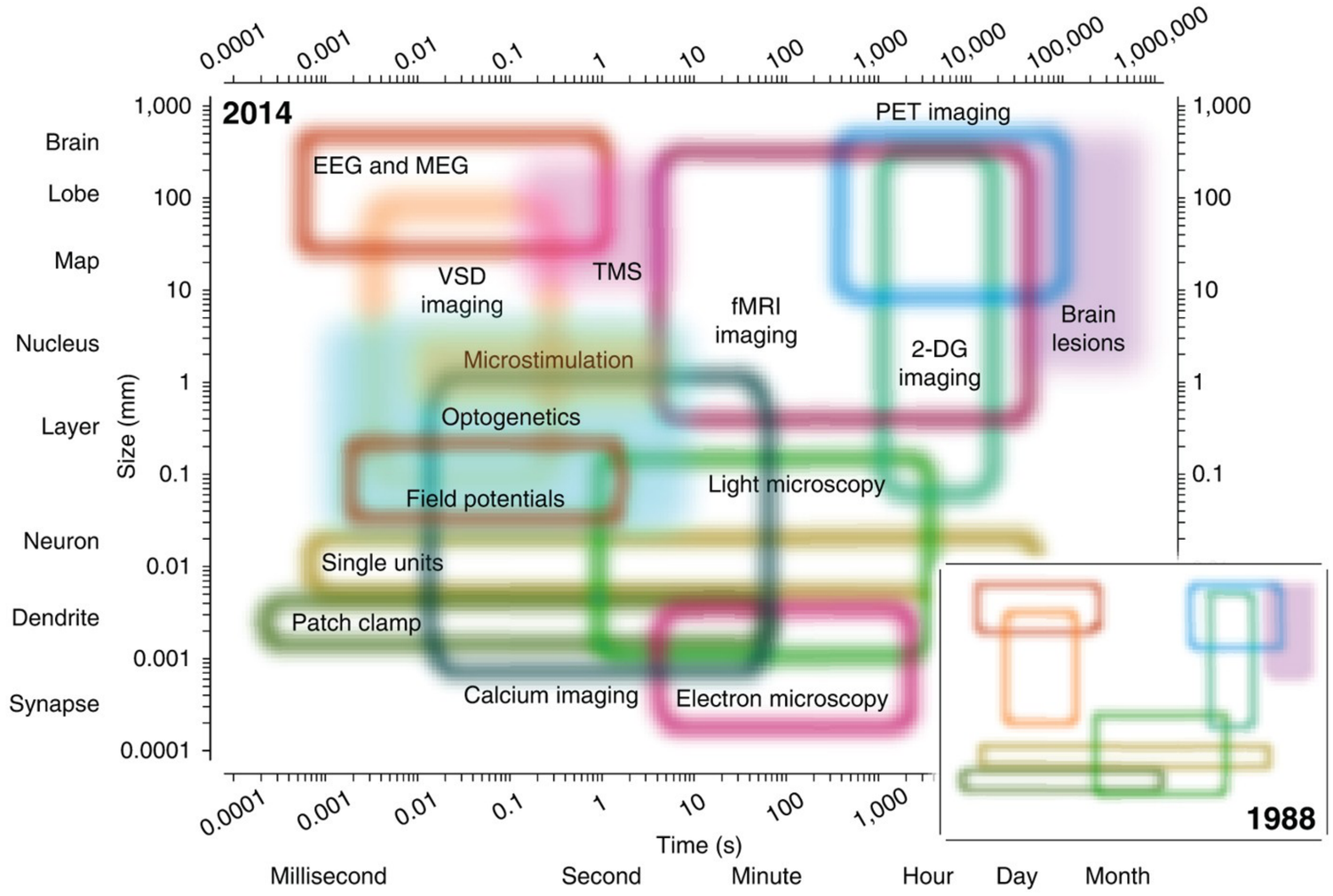
Choose your "bread-and-butter" *measurement method* to tap into brain activity (relevance of *scale*)

Choose your "bread-and-butter" analysis (signal processing / modeling / etc.) method

# Why could I be interested in M/EEG?




*Sejnowski et al. (2014)*

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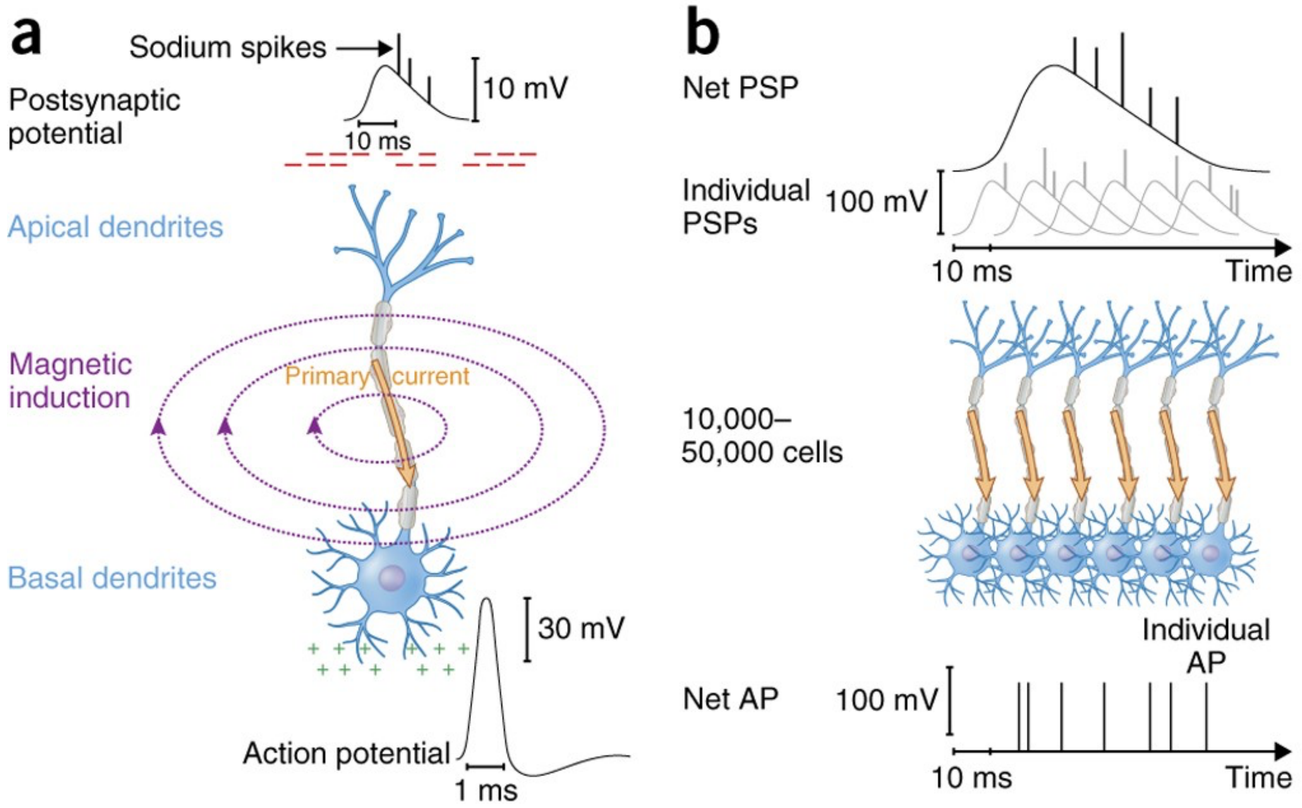
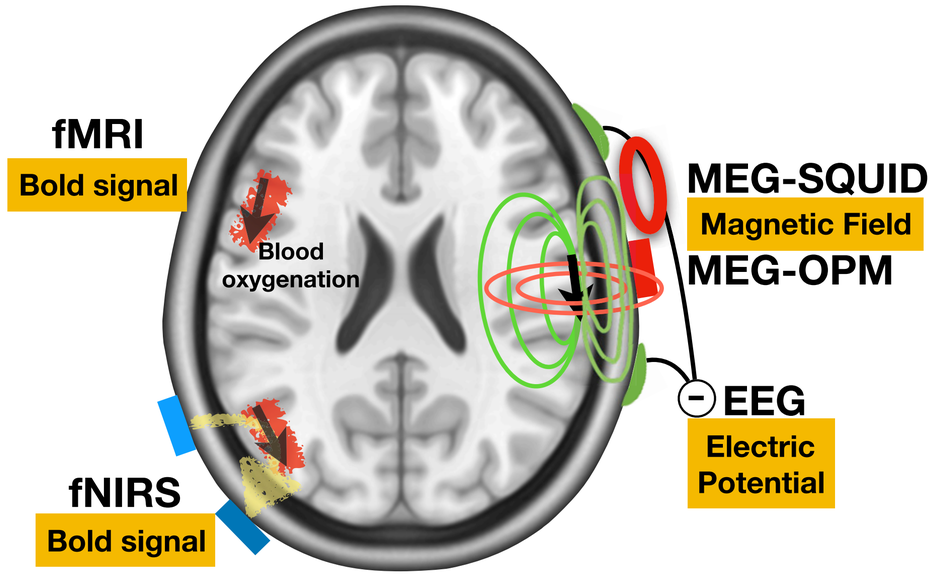



*Baillet et al. (2014)*

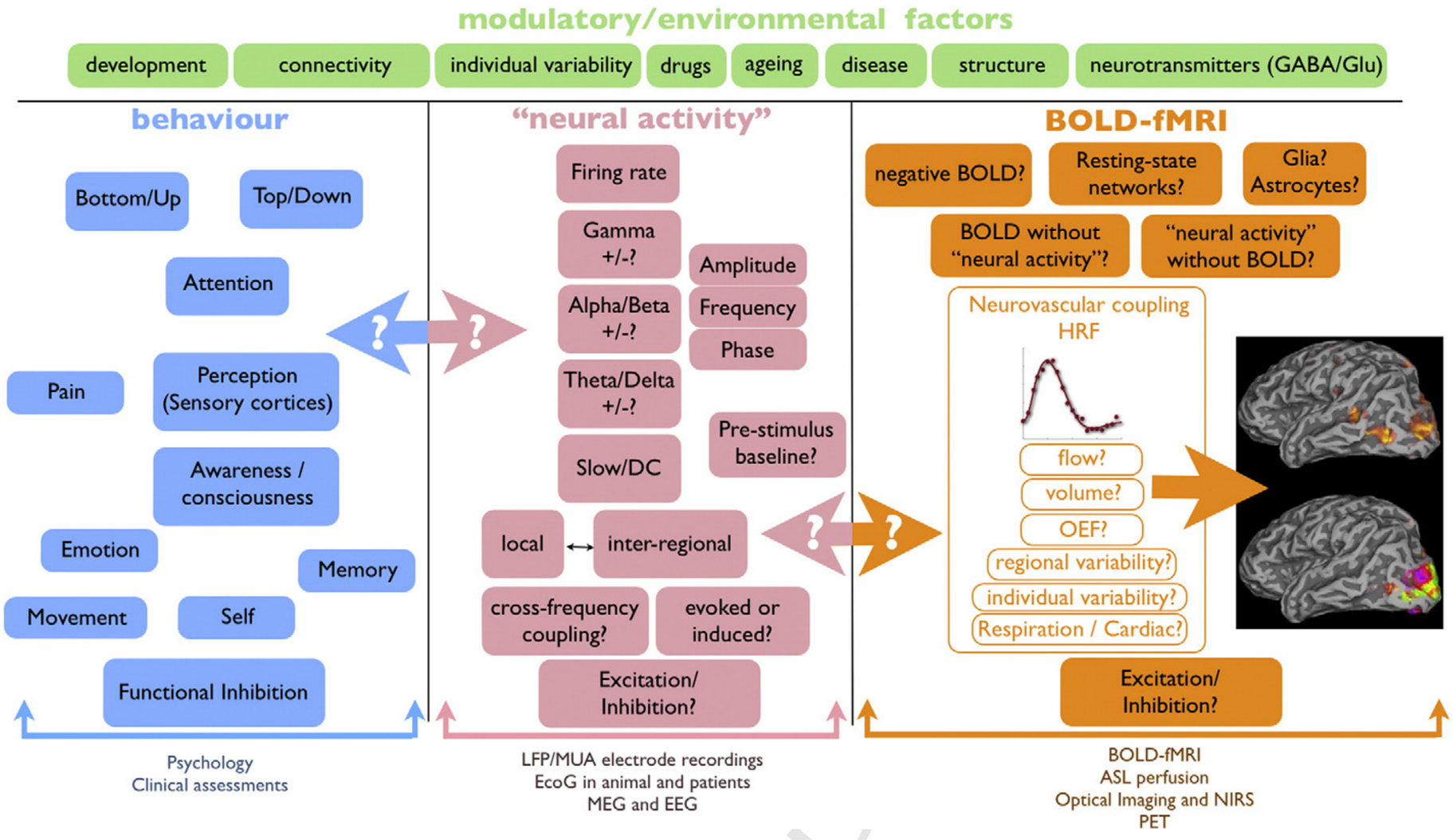



*Gross (2017)*

Review

# Which “neural activity” do you mean? fMRI, MEG, oscillations and neurotransmitters

Krish D. Singh *



# How could M/EEG help your research question?

# What are you expecting to “take“ from this course?

# Course outline

- 03.07.20 @8.30-13h: Intro to MEG analysis + Hands-on session
- 07.07.20 @8.30-13h: Student “Own analysis goals“
- 09.07.20 @14-16h: Hands-on analysis support / supervision
- 10.07.20 @14-16h: Hands-on analysis support / supervision
- 14.07.20 @14-16h: Hands-on analysis support / supervision
- 15.07.20 @14-16h: Hands-on analysis support / supervision
- 20.07.20 @9-13h: Student “Own analysis approaches and results“