

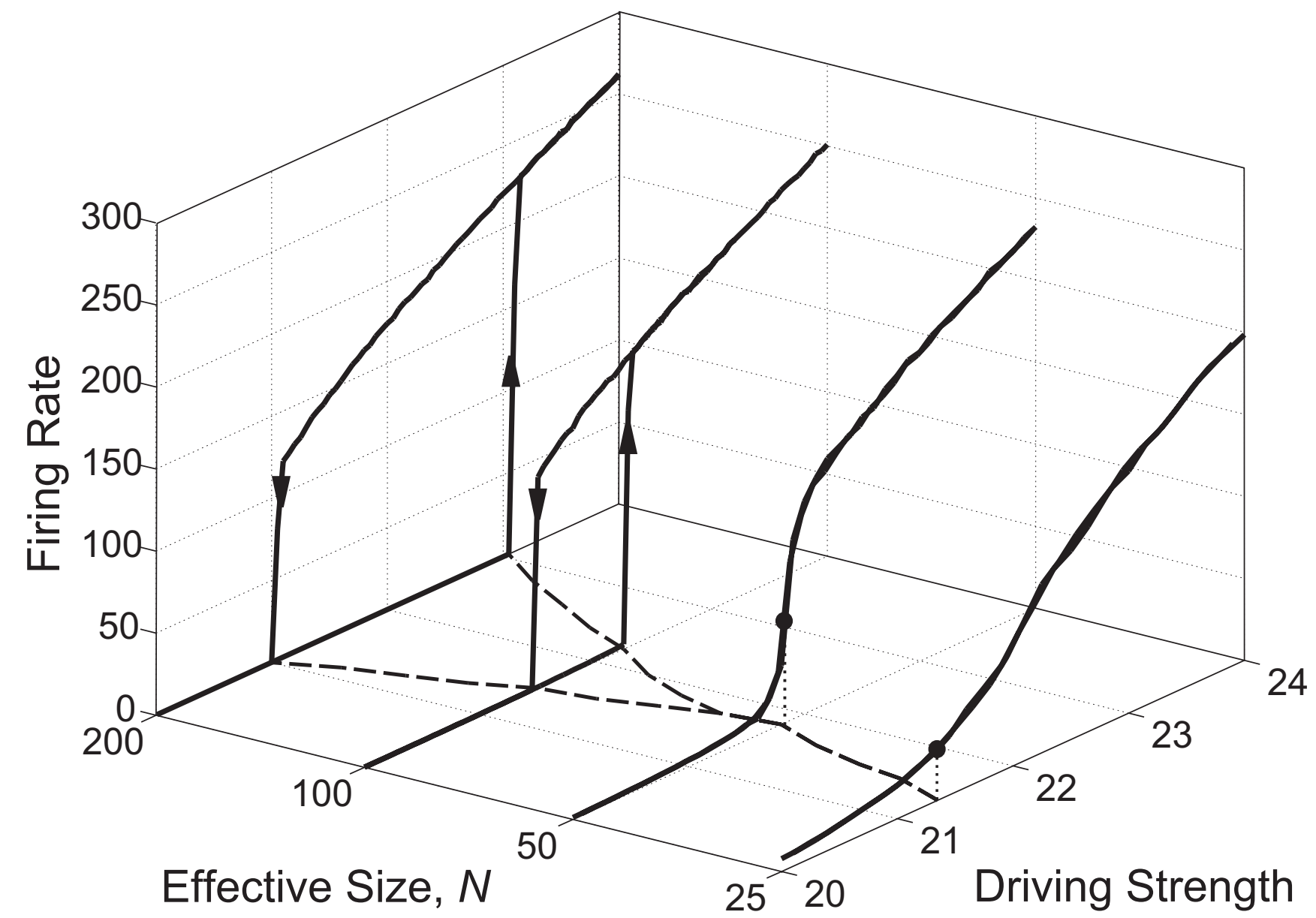
MSM: Collaborative Research: Cortical Processing across Multiple Time and Space Scales

NSF DMS 0506396, 0506287, 0506257

- David Cai, Michael J. Shelley, David W. McLaughlin, NYU
- Gregor Kovačič, RPI
- Louis Tao, NJIT

Gregor Kovačič, MSM, June 28, 2023

Computational Projects

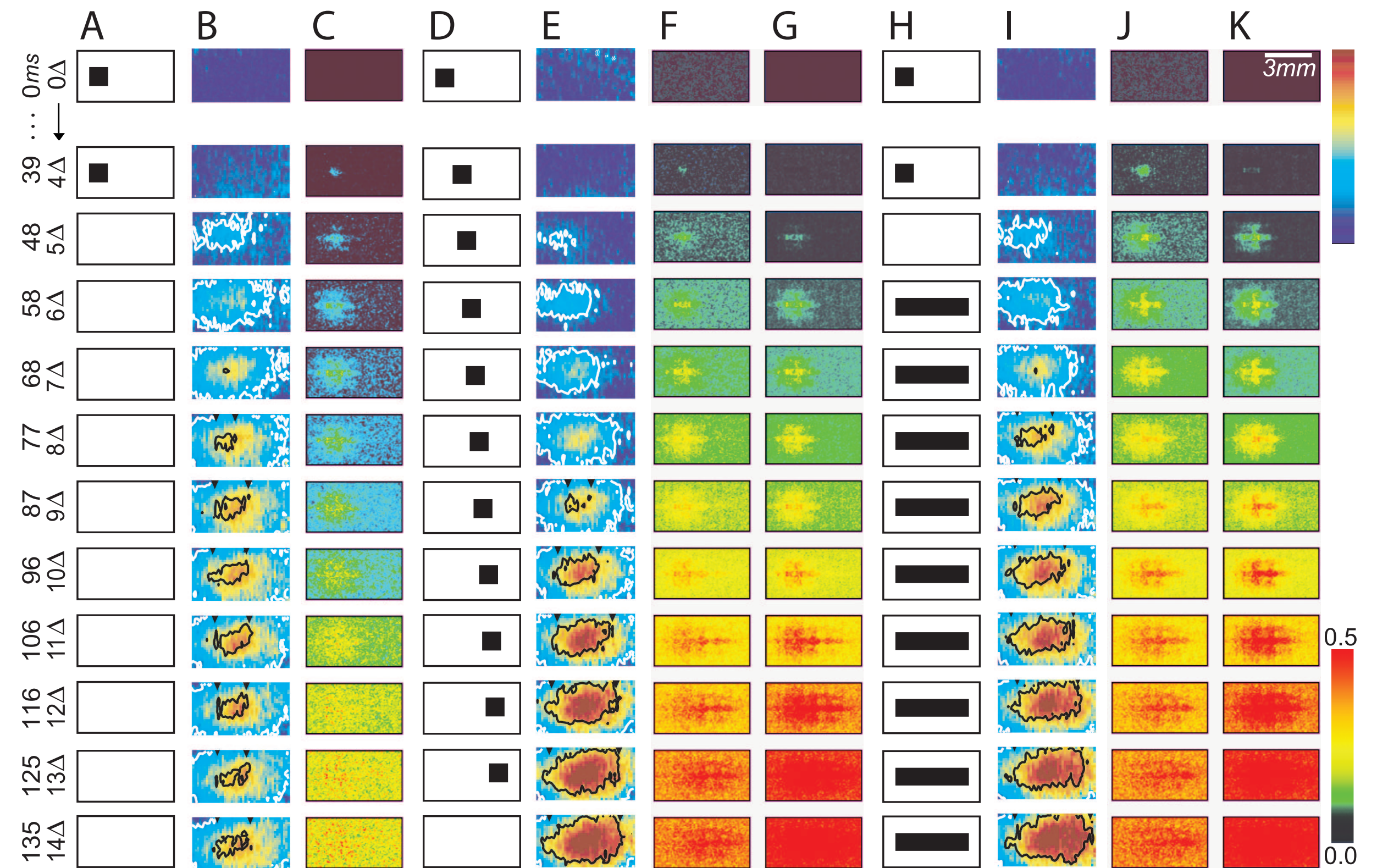
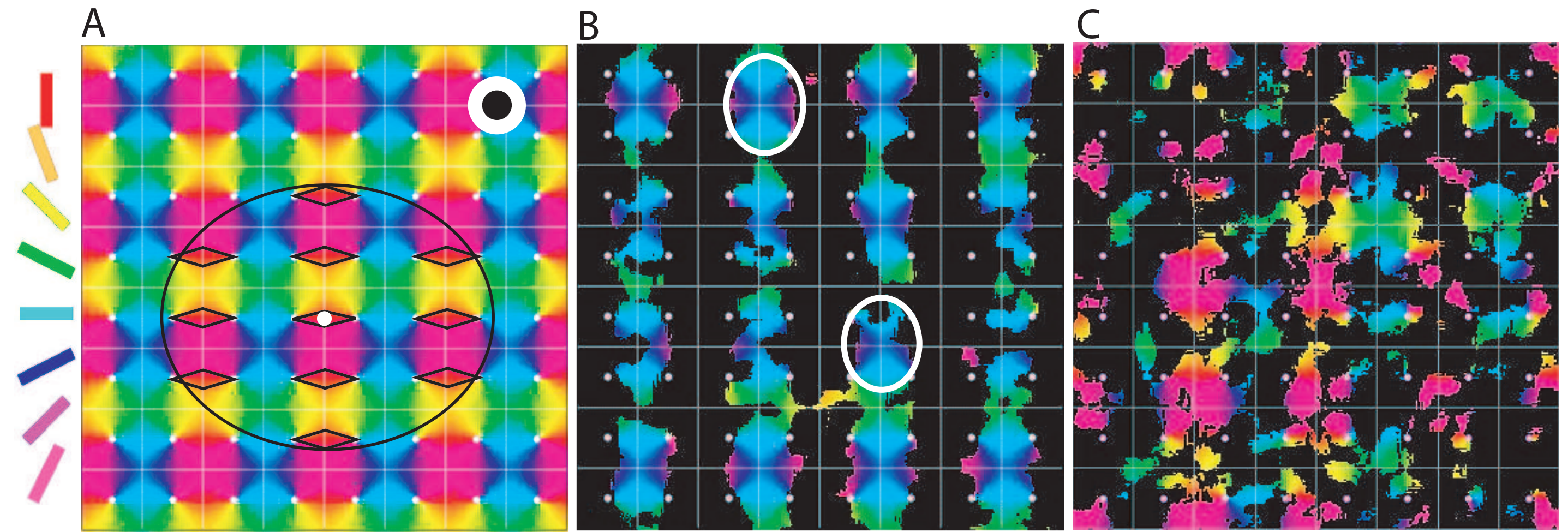


Operating state of V1

Spontaneous patterns of cortical activity

Hikosaka line-motion illusion in V1

(Aaditya Rangan, NYU)



Theoretical Projects

Kinetic, Fokker-Planck, and firing-rate descriptions of integrate-and-fire neuronal network models

Neural code via "event trees"

