

1116-92-216

Eric Shea-Brown* (etsb@uw.edu), Box 353925, U. Washington, Seattle, WA 98195, and **Yu Hu, Nathan Kutz, Steven Brunton, Stefan Mihalas** and **Nick CAin**. *Assembling collective activity in neural circuits*.

Experimental breakthroughs are yielding an unprecedented view of the brain's connectivity and of its coherent dynamics. But how does the former lead to the latter? We use graphical and point process methods to reveal the contribution of successively more-complex network features to coherent spiking. (Received August 14, 2015)