

# Whole-brain Model

## THE WHOLE-BRAIN DYNAMICS UNDERLYING DIFFERENT BRAIN STATES

A TALK BY  
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A given brain state could be defined by the broadness of communication, i.e. the dynamical complexity of the underlying network activity sustained by a static structural anatomical connectome. Here, we review whole-brain dynamics and computational modeling aiming to address this important problem.

We propose that combining this powerful new data-driven framework with a causal whole-brain computational model can provide novel insights into underlying mechanisms of different brain states. Further more, we will discuss how to use the present framework for not only describing healthy brain states but also its breakdown in disease.



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