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A Lens into Cognition: The Geometry and Topology of Neural Systems

Dr. Evelyn Tang is an assistant professor in the physics department and the Center for Theoretical Biological Physics, at Rice University. She did her PhD on quantum systems and topological phases at MIT with Xiao-Gang Wen. Thereafter, she switched into computational neuroscience as an Africk Family Postdoctoral Fellow at the University of Pennsylvania, focusing on cognition and brain networks. As a group leader subsequently at the Max Planck Institute of Dynamics and Self-Organization, her research has broadened to other questions in theoretical biological physics. Evelyn holds an MPhil from the University of Cambridge and a BS from Yale University. She is a recipient of the NSF CAREER award, a Scialog award from the RCSA and Kavli Foundation, a Simons-Berkeley Research Fellowship and the Gates Cambridge scholarship.