

Stefano Fusi, PhD Professor Neuroscience Columbia Univ. The Pervasiveness of Abstract Disentangled Representational Geometry in the Brain

Stefano Fusi was born in Florence, Italy, and graduated in 1992 from the Sapienza University of Rome with a degree in physics. After his degree, he obtained a researcher position at the Italian National Institute for Nuclear Physics in Rome and started to work in the field of theoretical neuroscience. In 1999, he received a Ph.D. in physics from the Hebrew University of Jerusalem, Israel, and moved to the University of Bern, Switzerland, as a postdoctoral fellow. After visiting Brandeis University as a postdoctoral fellow in 2003, in 2005 he was awarded a professorial fellowship by the Swiss National Science Foundation and became an assistant professor at the Swiss Federal Institute of Technology in Zurich (ETHZ), Switzerland. In 2009, he joined the Department of Neuroscience at Columbia University as an associate professor. He is an associate editor of Frontiers in Computational Neuroscience and the Journal of Computational Neuroscience. Fusi's research involves the computational modeling and theoretical analysis of complex neural circuits with the goal of understanding the role of biological complexity and diversity in the nervous system. His laboratory collaborates with experimental neuroscientists at Columbia University, the Massachusetts Institute of Technology and Stanford University.