

Talmo Pereira, Ph.D.



Dr. Talmo Pereira is an incoming faculty member at the Salk Institute for Biological Studies in San Diego, CA where he will be starting his group as a Salk Fellow. His lab focuses on the development of deep learning-based computational methods for recognition and modeling of complex biological systems, with applications ranging from social and motor neuroscience to plant biology. Talmo received his PhD in Neuroscience at Princeton University where he used deep learning and computer vision to develop new tools for studying animal behavior. His recent work has demonstrated how advances in deep learning-based human pose estimation and tracking can be adapted to the domain of animals to solve problems in fields ranging from neuroscience to ecology. This work has been published in *Nature Methods* and *Nature Neuroscience* and featured in *The Scientist*, *Nature Lab Animal*, *Nature Toolbox*, and *Quanta Magazine*. Talmo was a research intern in Perception at Google AI working on pose-based action recognition, a NSF Graduate Research Fellow, and a recipient of the Porter Ogden Jacobus Fellowship, Princeton University's top graduate student honor.