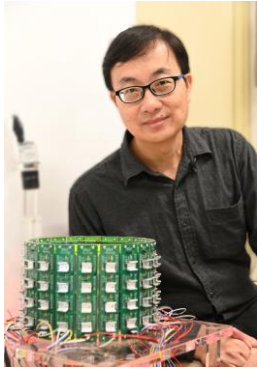


## Chung-Chuan Lo, Ph.D.

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Chung-Chuan Lo, Ph.D., is the Director and Professor of the Institute of Systems Neuroscience at National Tsing Hua University (NTHU), Taiwan. His current research focuses on neuroinformatics and data-driven spiking neural network modeling of fruit fly brains. His major contributions in the field are modeling spatial orientation memory and the brain circuits of fruit flies. Several years ago, he began a collaborative project on neuromorphic engineering to design an insect-like low-powered visual system for navigation and obstacle detection. Dr. Lo is also well-known for his work in neural network modeling of decision-making and executive functions in his early career.

Due to his active research output and publications, Dr. Lo has received several awards from NTHU. His team members have also received presentation awards at several international conferences. Dr. Lo participates in several international and local research teams, and these teams have won major awards and recognitions, including the finalist in Open Science Prize (2017), an international competition on open data platforms, and Future Tech Breakthrough Award at a major technology expo in Taiwan in both 2019 and 2020. He and his collaborators in the neuromorphic engineering project receive support from a large-scale flagship research grant, “Semiconductor Moonshot Project,” from Taiwan’s Ministry of Science and Technology. To promote computational neuroscience in Taiwan, Dr. Lo funded the Taiwanese Society for Computational Neuroscience in 2019 and was elected as the chairman of the society.

Curriculum vitae: [http://life.nthu.edu.tw/~cclo/CV\\_Chung-Chuan\\_Lo.html](http://life.nthu.edu.tw/~cclo/CV_Chung-Chuan_Lo.html)

Laboratory website: <http://life.nthu.edu.tw/~lablcc/>