



上海交通大学
SHANGHAI JIAO TONG UNIVERSITY

The 12th Computational Neuroscience Winter School

Introduction

This online winter course provides 9 lectures in one week to introduce the field of computational neuroscience. Studies of brain functions have focused on the information processing properties of individual neurons, neural circuits and network systems. Computational neuroscience seeks to study these functions as revealed by neurophysiological experiments through computational means, and, as such, is highly interdisciplinary. Our winter school brings together experimentalists, modelers, and theoreticians to illustrate the diverse approaches and disciplines that make up computational neuroscience.

The winter school is sponsored by the Chinese Neuroscience Society (Committee on Computational Neuroscience and Neural Engineering), CSIAM Mathematical Life Sciences, the SJTU Institute of Natural Sciences, Ministry of Education-Key Lab in Scientific and Engineering Computing and the SJTU Zhiyuan College.

Application and Registration

We will recruit 30-50 students in this winter school to keep a good instructor-student ratio. The selection is based on applicants' background and research interests, and importantly, how they would potentially benefit from this winter school. Applicants from math, physics, computer science, engineering, biology, neuroscience and others are all welcome to apply. Please register online by December 28, 2022: <https://jinshuju.net/f/faZwe6>

For faculty who are interested in attending some of these lectures, please contact us via email yyqjune@sjtu.edu.cn.

Contact us

June Yu
Email: yyqjune@sjtu.edu.cn



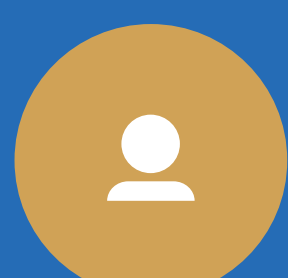
DATE

January 8 ~ 14, 2023



VENUE

Online——VOOV MEETING
Detailed Information: TBA



SCIENTIFIC COMMITTEE

Guoqiang Bi, University of Science and Technology of China
Louis Tao, Peking University
Si Wu, Peking University
Xiaohui Zhang, Beijing Normal University

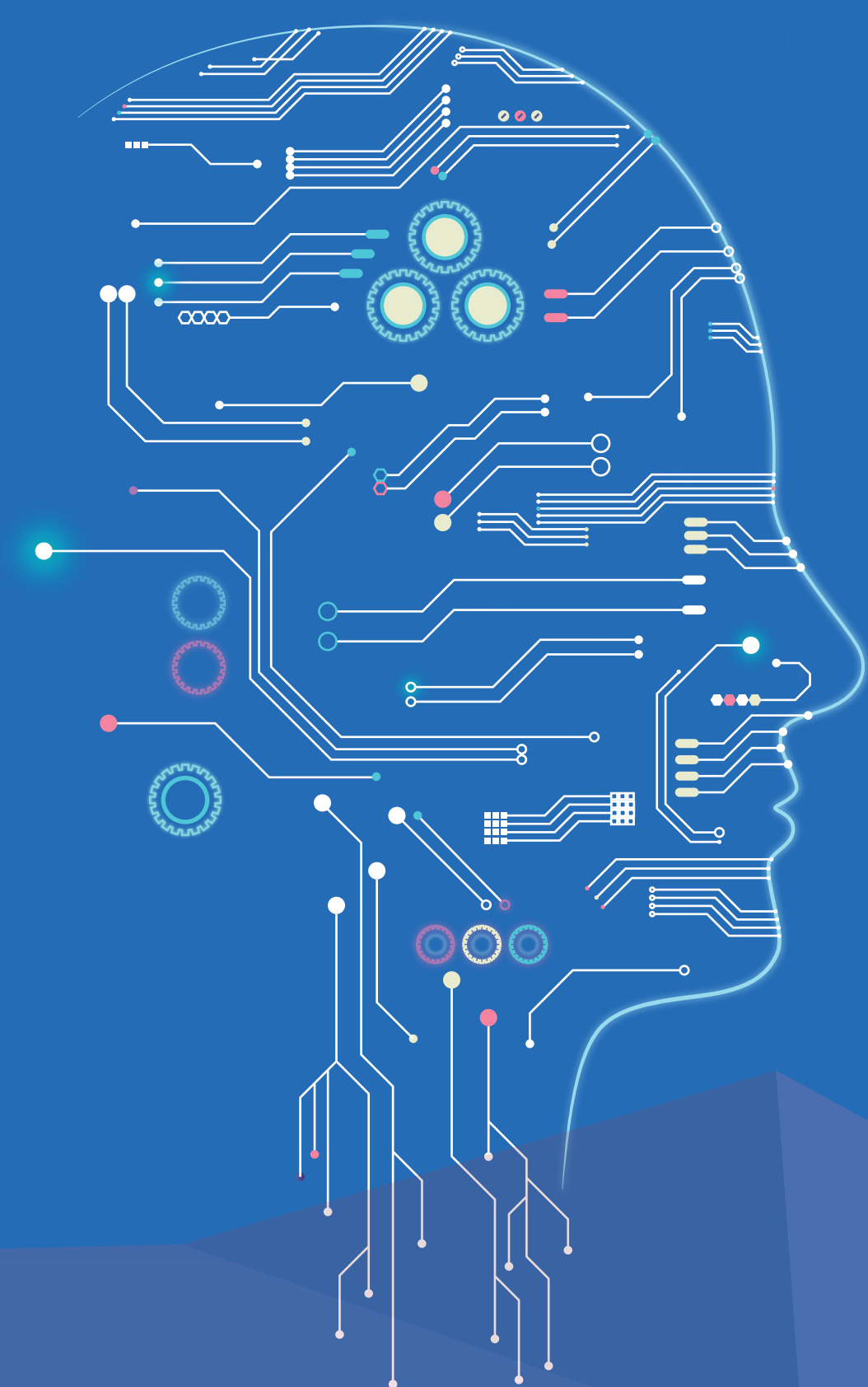


LOCAL ORGANIZING COMMITTEE

Songting Li, Shanghai Jiao Tong University
Douglas Zhou, Shanghai Jiao Tong University

Lecturers

Nicolas Brunel, Duke University
Shangbang Gao, Huazhong University of Science and Technology
Xin Jin, East China Normal University
Zhifeng Liang, Institute of Neuroscience, Chinese Academy of Sciences
Wei Lu, Fudan University
Huan Luo, Peking University
Eric Shea-Brown, University of Washington
Guangyu Robert Yang, Massachusetts Institute of Technology
Xiaohui Zhang, Beijing Normal University



For further information,
please scan the QR code.