2020 Computational Biology Workshop

30-31 July

Place: R220, Life Science Building II, NTHU

▶ Introduction

Even at its smallest scale, life functions as a community that is subject to what is genetically inherited and physicochemical rules. Modern computational tools implement these rules, supplemented by empirical data, to jointly decode the mysteries in our bodies and minds. The talks cover the topics of catalytic enzyme chemistry, protein dynamics, sequence alignment, basics in machine learning, neurons, memory and neural networks etc. Welcome join us to explore life *in silico*!

7/30 — AM 09: 30

▶ Computational Biology

Prof. Hsiao-Ching Yang
Department of Chemistry, FJU

Prof. Chung-Chuan Lo
Institute of Systems Neuroscience, NTHU

Prof. Hsiu-Hau Lin
Department of Physics, NTHU

Prof. Lee-Wei Yang
Institute of Bioinformatics and Structural Biology, NTHU

Prof. Chi-Tin Shih
Department of Applied Physics, THU

Puzzle labels: catalytic enzyme chemistry · neurons · memory · neural networks · machine learning · protein dynamics

7/31 — AM 9: 30

▶ Computational neuroscience

NCTS — National Center for Theoretical Sciences

SFCN

Registration Deadline: July 20, 2020
Website: https://reurl.cc/vDzamo
地點：清華大學生科二館R220