Workshop on Combinatorial Problems of Strings and Graphs and Their Applications in Bioinformatics: Part II
6–7 April 2022

Overview

Combinatorics is a branch of mathematics concerning the study of finite or countable discrete structures. It finds applications in various domains. In particular, due to advances in biotechnology, applications in biology and medical research have increased, many of which arose from the study of bio-molecular sequences and their interaction. This program aims to investigate the combinatorial problems in strings and graphs and their applications in biological science, hoping to explore new ideas and techniques in analyzing these big datasets.

In this workshop, several world-wide experts will present the latest advances in areas such as phylogenetics, sequence indexing, pattern matching, graph algorithms, etc... The invited sessions/talks will be beneficial to postgraduate students, early career researchers and are expected to create opportunities for further collaborations.

Organizing committee

- Kwok Pui Choi (National University of Singapore, Singapore)
- Sohel Rahman (Bangladesh University of Engineering & Technology, Bangladesh)
- Vaibhav Rajan (National University of Singapore, Singapore)
- Kunihiko Sadakane (The University of Tokyo, Japan)
- Wing-Kin Sung, Ken (National University of Singapore, Singapore)

Online event
Registration required

https://tinyurl.com/ImsCombi2Reg

Program webpage

https://tinyurl.com/CombiApr2022

Contact information

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