



MEDICAL DATA ANALYSIS (SCIT1501)

Introduction

Biomedical Engineering (BME) is an interdisciplinary field in which biology, medicine, and engineering technologies are combined and applied innovatively to solve human health problems. This talk will first give a brief overview of BME. Then, an area of BME – Medical Data Analysis – will be introduced. A few selected topics in it will also be discussed, e.g. analysis of DNA microarray data, brain signal processing, and brain-computer interface.

The speaker, Dr Gary Tam, has worked on research in Bioinformatics (an area belongs to BME) for about 10 years. His research mainly focused on analysis of DNA microarray data from medical experiments, topics included gene selection, tumour classification and gene regulatory network reconstruction.

Programme Type

Introductory Talk in Biomedical Engineering ([NON Token-required](#))

Speaker

Dr Gary Tam
(Student Programme Development Officer, Academic Programme Development Division, HKAGE)

Target Participants



- S1 – S6 HKAGE student members only in 2019-20 school year
- Class size: 60
- * *First-come, first-served*

Language



English

Application Deadline

~~10 Feb 2020, 12:00 n.n.~~ **16 Mar 2020, 12:00 n.n.**

Schedule



Date	9 Apr 2020 (Thursday) 18 Aug 2020 (Tuesday)
Time	3:00 p.m. – 4:30 p.m. (Please arrive at 2:45 p.m. for registration) 3:00 p.m. - 5:00 p.m.
Venue	Room 403, HKAGE Online Talk

Enquiries



For enquiries, please contact us at 3940 0101 after language selection, press "1".