



人工智能学术研讨会 Academic Symposium on Artificial Intelligence (2019.11.4-8)

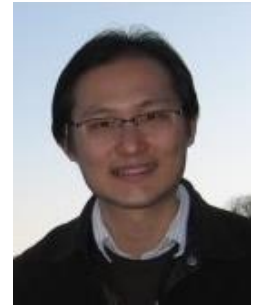
报告

人工智能于生物医学信息方面的应用

Artificial Intelligence in Biomedical Informatics

叶旭立教授 | 香港中文大学计算机科学与工程学系副教授

Professor Kevin YIP | Associate Professor, Department of Computer Science and Engineering, The Chinese University of Hong Kong



讲者介绍 Biography

Kevin Yip is an associate professor in Department of Computer Science and Engineering at The Chinese University of Hong Kong. He received his bachelor degree in computer engineering and master degree in computer science both from the University of Hong Kong, and his PhD degree from Yale University. He has been working on biomedical informatics in the past 15 years. His research interests include computational modeling of gene regulatory mechanisms, development of analysis methods for new experimental technologies, and investigation of the effects of genetic and epigenetic perturbations in human diseases.

报告摘要 Abstract

Contemporary biomedical research has become highly data driven, with the current bottleneck not on sample collection or data collection but on the analysis and interpretation of the data. Artificial intelligence has been playing a crucial role in this process. In this talk, I will introduce the use of AI in biomedicine using several real-life examples, covering topics from understanding basic molecular mechanisms to predicting efficacy of cancer treatment.

有兴趣合作之项目 Interested topics for future collaboration

Topics related to computational biology, biomedical informatics, omics and biotechnologies.