

Computational Social Science: Advancements, Applications, and Implications

Speaker: Dr. FUNG Sai Fu Simon

**Instructor, Department of Social and Behavioural Sciences, City University of
Hong Kong**

Date : 25 April 2024 (Thursday)

Time : 5:00 pm

Venue : LI-1301

Moderator : Prof. Matthew Manning

Language : English

Abstract

Computational social science, fueled by the rise of machine learning and artificial intelligence (AI), has gained significant traction in academia. This seminar aims to explore the emergence of this interdisciplinary field, focusing on the latest research and application of machine learning and AI in health, sport sociology, and research methods. By examining the intersection of artificial intelligence and social science, attendees will gain insights into the potential impacts of computational social science. Additionally, the seminar will clarify future research directions, enabling participants to identify promising areas for further exploration. This seminar helps researchers, academics, and practitioners to gain a deeper understanding of how machine learning and artificial intelligence can address complex social challenges and drive transformative societal change.

Biography

Dr Fung obtained a PhD from the University of Warwick in 2017. He possesses extensive knowledge in the application of artificial intelligence and machine learning within the field of computational social science. His expertise lies in utilising these technologies to examine human behaviour and explore health-related issues. Employing an interdisciplinary approach and innovative research methods, he has published extensively on topics such as health-related quality of life (HRQOL), digital health, cybercrime, social gerontology, and sports. Fung holds the title of Fellow of the Royal Society of Medicine and currently serves as an Associate Editor for Health and Quality of Life Outcomes and Frontiers in Psychology. Dr Fung currently teaches undergraduate and postgraduate courses related to social research methods, digital sociology, and big data research at the Department of Social and Behavioural Sciences, City University of Hong Kong.

ALL ARE WELCOME