WHEN SOCIAL SCIENCE MEETS COMPUTER SCIENCE...

The 2023 Joint Workshop on Computational Social Science

20 - 21 June 2023 | 08:45 - 18:00 (UTC+8, HKT)
UG06, Sino Building, The Chinese University of Hong Kong

Programme
(as of June 6)

20 June

Time	Session	
8:45 am – 9:00 am	**Reception**	
9:00 am – 9:30 am	**Session I**	**Opening Remarks**
9:30 am – 9:45 am	**Group Photo**	
9:45 am – 10:00 am	**Tea Break**	
10:00 am – 12:00 pm	**Session II**	
	Corrado Giulietti	The spatial econometrics and networks of crime
	Naijia Guo	Migration costs, sorting, and agricultural productivity gap
	Siqi Han	Studying school-to-work transition with big data and computational methods
	Jason Hilton	Examining the evolution of online job vacancy data during the pandemic
12:00 pm – 2:00 pm	**Lunch Break**	
2:00 pm – 3:00 pm	**Session III – Keynote Address**	
	Chris Bail	TBA
3:00 pm – 3:15 pm	**Tea break**	
3:15 pm – 4:15 pm	**Session IV**	
	Nikos Tzavidis	On the use of mixed effects random forests and integrated geospatial and survey data to produce spatially disaggregated official statistics.
	Stephan Onggo	Social systems simulation for disaster risk management
	Qingliang Fan	Machine learning in causal inference and policy-making with big data
4:15 pm – 4:30 pm	**Tea break**	

Time	Session	
4:30 pm – 5:30 pm	**Session V: Student Presentation**	
	Ji Cao	Evaluating Occupational Forces in the Dynamics of the Gender Wage Gap in the US *Discussant: Jo Swaffield / Corrado Giulietti*
	Yujie Li, Xiaoqian Yue	The network structure of occupations: Replication and extensions *Discussant: Corrado Giulietti / Jeong-han Kang*
5:30 pm – 6:00 pm	**Collective discussion on collaboration**	
6:00 pm –	**Dinner for international partners**	

21 June

Time	Session	
8:45 am – 9:00 am	**Reception**	
9:00 am – 10:30 am	**Session VI**	
	Joerg Fliege	Mathematical models for better decision making
	Ling Zhu	Applying computational social science methods to studying bureaucratic mobility and labour market inequality
	Ling Zhu et al.	Challenges in applications of computational measures to social science: Modularity as an example
10:30 am – 10:45 am	**Tea Break**	
10:45 am – 12:00 pm	**Session VII**	
	Jeong-han Kang	Toward narrative-driven data mining in the post-truth age
	Jaemin Lee	Developing text classification tools to study the dimensions of common ground between partisans in Twitter
	Sabu Padmadas	Health informatics and machine learning algorithms for healthcare decision-making
	Jeroen Van Ameijde	Integrating multi-source urban data analysis to conduct spatial liveability analyses across urban districts

12:00 pm – 2:00 pm	**Lunch Break**
2:00 pm – 3:00 pm	**Session VIII: Student Presentation**
	Eunrang Kwon, Yeeum Jo — The effect of the COVID-19 pandemic on gendered research productivity and its correlates *Discussant: Sabu Padmadas*
	Siyu Tian, Silu Chen — Sentiment analysis and COVID19: Replication and critique *Discussant: Nikos Tzavidis*
3:00 pm – 3:15 pm	**Tea Break**
3:15 pm – 4:15 pm	**Session IX: Student Presentation**
	Laone Maphane — The relationship between monetary policy uncertainty and stock market volatility: Evidence from South Africa *Discussant: Qingliang Fan*
	Junmo Song, Dowool Han, Zhenyi Fang — Mining mind by randomized paired-comparison survey *Discussant: Jaemin Lee*
4:15 pm – 4:30 pm	**Tea Break**
4:30 pm – 5:30 pm	**Session X: Student Presentation**
	Xuanlong Qin — Stereotype Content Dictionary: A semantic space of 3 million words and phrases using Google News Word2Vec embeddings *Discussant: Ho-fung Leung*
	Kihong Moon, Gyuhee Lee, Yookyeong — Theorizing and detecting agenda-setting processes of online community *Discussant: Hai Liang*
5:30 pm – 6:00 pm	**Concluding Remarks**