August 2022 3rd Issue

NUS CTIC Newsletter

LETTER FROM THE MANAGEMENT

Welcome to the third issue of CTIC's newsletter!

We saw how fake news could cause vaccine hesitancy in Covid-19, and how misinformation could be used in political campaigns to manipulate voters' behaviour. The study on misinformation is imperative at CTIC, and the research by our principal investigators are important steps towards building an accountable worldwide web.

Our research goes beyond CTIC. We collaborated with other universities, government agencies, and industry partners such as Edelman DXI and DQ Institute on various projects from misinformation to digital wellbeing.

It has been a fruitful journey and we would like to thank everyone for your contributions! We look forward to your continuous support and here's to a successful new academic year 2022/2023.



(Left) Dr Lee Mong Li, (Middle) Dr Sintia Teddy-Ang and (Right) Dr Audrey Yue



Bringing together intellectuals in Computational Social Science

EVENT FEATURE

Participants from different disciplines across the globe attended the **Summer Institutes In Computational Social Science (SICSS)-Singapore** from 13 to 24 June 2022 at the National University of Singapore.

They learned from leading academics in local and overseas universities as well as industry experts from Twitter and the Institute of High-Performance Computing, and launched interdisciplinary research projects to tackle real-world social challenges with computational social science.

This research workshop was led by Dr Jack Linchuan Qiu, Dr Subhayan Mukerjee and Dr Renwen Zhang, Principal Investigators of CTIC. <u>LEARN MORE</u>

NEWS HIGHLIGHTS



CTIC signed an MOU with <u>Edelman Data and Intelligence</u> (<u>DXI)</u> – the research and data analytics arm of Edelman. This industry collaboration aims to analyse long form contents and understand the level of trust in real-world entities from an algorithmic perspective such as natural language processing. This project is led by Dr Lee Mong Li, Director of CTIC , and Dr Desmond Ong, Principal Investigator of CITC.

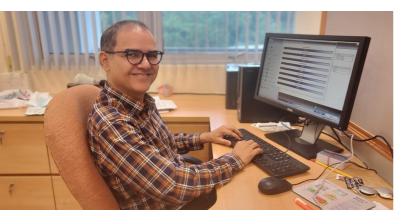


Dr Kokil Jaidka, Principal Investigator of CTIC, had her research, <u>'Beyond Anonymity: Network Affordances, Under Deindividuation, Improve Social Media Discussion Quality'</u>, listed as the #10 most popular paper in the category 'Communication' by <u>Altimetric Score 2021</u>. Congratulations! <u>LEARN MORE</u> about her research on her blog post.

MEET OUR PRINCIPAL INVESTIGATORS

<u>Dr Jean Liu's</u> research focuses on the impact of digital and medical technology in our everyday lives, and she is particularly interested in how technology can optimise health, wellbeing and social outcomes.

During the Covid-19 pandemic, she and her research team conducted two novel studies in Singapore and India to track crisis-related content on WhatsApp. It was found that 1 in 10 participants are "super-spreaders" or chronic users. READ MORE in an interview with Dr Liu.



<u>Dr Audrey Yue</u> and <u>Dr Natalie Pang</u> are passionate about digital wellbeing and driven by the positive societal impact their research can make.

The duo collaborated with <u>DQ Institute</u> to develop the Digital Wellbeing Indicator Framework (DWIF) - an assessment framework focusing on digital citizenry across different domains of our lives from digital communication to digital consumerism. DWIF can be used at community and state levels to standardise the collection and evaluation of data on digital wellbeing. <u>READ MORE</u> in an interview with Dr Pang and Dr Yue.



<u>**Dr Taberez Neyazi**</u> looks at how the changing information environment impacts society and politics in this era of disinformation with particular interest in the Asian region.

Through a large scale cross-sectional survey on the 2019 Indonesia national election, he and his research team found that partisanship is strongly associated with belief in various types of misinformation, depending on whether their own candidate or the opposing candidate is targeted. READ MORE in an interview with Dr Neyazi.



NUS CTIC WEBINAR SERIES



As part of our ongoing public education efforts, we hold regular webinars on our principal investigators' research on various topics from misinformation to digital wellbeing.

Sign-up for our upcoming **NUS CTIC-Institute of Policy Studies (IPS) Webinar** by Dr Chew Han Ei and Dr Carol Soon on 19 August HERE!

Watch our past webinars below.



What Happens on WhatsApp Stays on WhatsApp? by Dr Jean Liu, Principal Investigator of CTIC. WATCH the video!



IQ, EQ, DQ: New Intelligence in the AI Age by Dr Yuhyun Park, Founder of DQ Institute. WATCH the video!