TOPIC OF INTEREST: SMART CITIES

Smart City:
A smart city is an urban area that uses different types of electronic methods and sensors to collect data. It integrates information and communication technology (ICT), and various physical devices connected to the IoT (Internet of things) network to optimize the efficiency of city operations and services and connect to citizens.

#DYK: The city state of Singapore is considered to be one of the front-runners in the race to creating fully smart cities. It has systems to monitor energy use, waste management and water use in real time. In addition, there is autonomous vehicle testing and a monitoring system to ensure the health and wellbeing of senior citizens. (https://www.twi-global.com/technical-knowledge/faqs/what-is-a-smart-city)

#nisthfellows working in fields related to Smart Cities can be categorised into Public Health, Transportation, Sustainability and Public Services

#nisthreads:
- The importance of air quality for underground spaces: An international survey of public attitudes (George Christopoulos)
- Electric vehicle charging strategy study and the application on charging station placement (Bo An)
- Virtual reality advertising with brand experiences: the effects of media devices, virtual representation of the self, and self-presence (Lee Kwan Min)

More details on our social media platforms this week:

NISTH EVENTS

5 July 2021; 4:00 PM – 5:00 PM
NISTH ThinkOut: Citizen Participation for Smart City Governance, is jointly organised by NISTH and the DesignLab, at the University of Twente (UT), Netherlands. Prof Peter-Paul Verbeek and Dr Sabine E. Wildevuur, will bring the Netherlands perspective while Dr Natalie Pang (UNESCO Inclusive Lab) and **NISTH Fellow, Assoc Prof Hallam Stevens, NTU** will share their views from the Singapore standpoint. Moderated by **NISTH Director, Prof Vanessa Evers,** the panel will investigate how citizen science and policy-making could come together. How to develop such ecosystems? What are conditions and enablers? And, how to learn from intercultural differences?
More details at: Here

EVENTS WITH NISTH FELLOWS

28 June 2021; 6:00PM
Launch of WHO Guidance on Ethics & Governance of AI for health, will be held online. NISTH Fellow, **Assoc Prof Hannah YeeFen Lim,** was one of the 15 External Experts selected by the World Health Organisation (WHO) to contribute to the WHO Guidance document on Ethics & Governance of Artificial Intelligence for Health. The Report will be published and launched at the event.
Register at:
https://who.zoom.us/webinar/register/WN_eBapkEhBQIuisMYizyI6ZQ

29 June 2021; 8:00PM – 9:30PM
Accelerating Artificial Intelligence in Singapore, is organized by the NTU Alumni Club. The webinar seeks to discover how AI can impact businesses and society from Mr Koo Sengmeng, Senior Deputy Director at AI Singapore. He will also share his view on on how to equip and prepare ourselves to be AI-aware and AI-savvy.
Register: Here

29 June 2021; 4:00 PM – 5:30 PM
Mental Health Matters at Work, is organised by Women@NTU. This workshop will share the mental health landscape in Singapore and discuss common workplace challenges that you may have encountered. The guest speaker, Anthea Ong, Professional Certified Coach and Social Entrepreneur, will touch on how we can better understand mental wellbeing by looking at the mental health continuum and share practical steps and strategies for the workplace to create a healthy lifestyle amidst the pandemic.
More details : Here

8 – 9 July 2021; 1:00 PM – 6:00 PM
Nestlé –Singapore workshop on plant-based ingredients
Applications deadline: 21 June 2021
Nestlé invites researchers to participate in a scientific workshop to scope research projects relating to plant-based ingredients. The workshop objectives are, to accelerate innovation and renovation of Nestlé products for Asian consumers (ASEAN-focused) using novel plant and microbial-based ingredients & to source innovative solutions from public research performers under the Nestlé
More details at: Here

10 September 2021; Applications deadline: 25 July 2021
Falling Walls Lab, is a platform to pitch innovative ideas in just 3 minutes, showcasing breakthrough that creates a positive impact on science and society. Open to all students, entrepreneurs, early-career researchers & academics of all disciplines. To apply go to https://falling-walls.com/lab/apply
More details at: Here

For assistance in identifying research partners, email us at NISTH-research@ntu.edu.sg

SCS Cancer Research Grant 2021 (26 July – 6 August 2021)
Applications deadline: 28 July 2021
Selection criteria for funding will be based on Relevance of research topic to SCS programs and services; Scientific Merit of Project; Track record of Principal investigator and study team; Feasibility of Project to successful completion Reasonableness of budget requested. The research areas include: Cancer prevention and screening; Cancer survivorship; Palliative care; Psychosocial and spiritual aspects related to cancer; Health communication; Health service program and Clinical research
More details at: https://www.singaporecancersociety.org.sg/about/cancer-research.html

Abu Dhabi – Singapore Smart Cities Open Innovation Challenge 2021
Applications deadline: 29 July 2021, 4.00pm
This challenge is co-organised by Enterprise Singapore, Abu Dhabi Investment Office and IPI on six challenge statements from the Middle East. It brings together some of Abu Dhabi's esteemed organisations to collaborate with innovative startups and SMEs in Singapore. It invite you to showcase your innovative smart city solutions.
More details at: https://www.eventbrite.sg/e/abu-dhabi-singapore-smart-cities-open-innovation-challenge-2021-tickets-151755844817?aff=IPI

Email us at nisth-events@ntu.edu.sg; Website: www.nisth.ntu.edu.sg