

TOPIC OF INTEREST: BLUE ECONOMY

Agricultural Technology (Agri-Tech) & Food Science:

Agri Tech, is the use of technology in agriculture, horticulture and aquaculture with the aim of improving yield, efficiency and profitability. It can be products, services or applications derived from agriculture that improve various input/output processes. **Food Science**, is the basic and applied science of food; its scope starts at overlap with agricultural science and nutritional science and leads through the scientific aspects of food production, safety, processing, packaging & informing the development of food technology. It brings together multiple scientific disciplines, and incorporates concepts from fields such as chemistry, physics, physiology, microbiology, and biochemistry.

#DYK:

Agriculture is the single largest employer in the world

#nisthfellows working in areas related to Agriculture, Food development and Nutrition:
Prof Stefen Wuertz, Prof May O Lwin, Asst Prof Lee Ser Huay, Janice and Assoc Prof Tan Lay Poh

#nisthreads:

- [Quantification of viable protozoan parasites on leafy greens using molecular methods](#) (Stefan Wuertz)
- [Interacting effects of land-use change and natural hazards on rice agriculture in the Mekong and Red River deltas in Vietnam](#) (Janice Lee)
- [A macro-level assessment of introducing children food advertising restrictions on children's unhealthy food cognitions and behaviors](#) (May O Lwin)
- [Commercialization of Plant-Based Meat Alternatives](#) (Tan Lay Poh)

More details on our social media platforms this week:



EVENTS WITH NISTH FELLOWS



WKWSC SEMINAR
Co-organized by WKWSC's Social & Mobile Media (SAM) Research Cluster & Asian Communication Research Centre (ACRC)
Monday 14 June 2021, 4-5pm (Singapore time)
Conducted over Zoom
<https://ntu.sg.zoom.us/j/912428077438>

Featuring
Professor Rich Ling (NTU) and respondents
Prof. Leopoldina Fortunati (Udine) and Prof. Vanessa Evers (NTU)

Tensions in the Adoption of AI: Thinking with Georg Simmel on Human vs Mechanical, and Rationalisation vs Social Cohesion

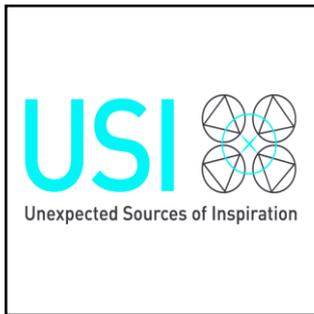
Professor Rich Ling
Associate Professor of Media Technology
Nanyang Technological University

The seminar will take a page from Georg Simmel and ask, in the context that are presented by the growing adoption of AI in society, the tension between whether it is possible to distinguish between what is human and what is mechanical and how this is already being done. It is possible to trace this discussion through Simmel's thought on the sociology, the idea of the web in the 19th century. The other tension is between the use of information technology for rationalisation vs. use of Berger's limit and social cohesion. It is here that there are many open questions regarding the future of social science research.

14 June 2021; 4:00 PM – 5:00 PM

WKWSC Seminar – Tensions in the Adoption of AI: Thinking with Georg Simmel on Human vs Mechanical, and Rationalisation vs Social Cohesion, is presented by WKWSC's Social and Mobile Media (SAM) Research cluster & Asian Communication Research Centre (ACRC). It will feature Prof Rich Ling (Shaw Foundation Professor of Media Technology, NTU) and respondents Prof Leopoldina Fortunati (University of Udine) and **NISTH Director, Prof Vanessa Evers**.

Join the Seminar: [Here](#)



14 - 15 June 2021; Ticketed event

Unexpected Sources of Inspiration (USI) Live Show, is a collaborative and inspiring experience. The event is organized around an inspiring transdisciplinary theme, on which guests and participants are invited to collectively question themselves, through an exclusive format designed for the remote, which gives pride of place to authenticity and to interaction. The objective this year is, to provide various insights to find answers to the question *"What does technology want?"* **NISTH Director, Prof Vanessa Evers**, will be speaking at the event, on the topic, 'Socially intelligent Robots and AI'.

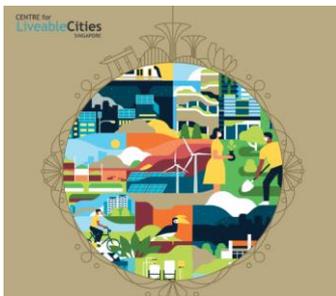
More info at: [Here](#)



17 June 2021; 10:20 AM – 11:15 AM

MakanNight! Talks: Business Opportunities in Reducing Carbon Footprint, is presented by NTUitive and supported by Global Green Connect, Ministry of Trade & Industry (Singapore), and Semcorp Energy Singapore. NTUitive CEO, Dr Alex Lin will moderate an esteemed panel for the supporting organisations as they provide key insights into sustainability practices, programmes, and technologies your business can look into while reaping financial benefits and boosting their performance under the current situation.

Register: [Here](#)



21 – 23 June 2021; Free Registration from: 15 April 2021

The World Cities Summit 2021 (WCS) is held in conjunction with the [Singapore International Water Week](#) and the [CleanEnviro Summit Singapore](#). WCS is an exclusive platform for government leaders and industry experts to address liveable and sustainable city challenges, share integrated urban solutions and forge new partnerships. **NISTH International Advisory Board Chairman, Mr Peter Ho** (Chairman, Urban Redevelopment Authority, Singapore) will be speaking at the event.

More info at: [Here](#)



22 June 2021; 3:00 PM – 6:15 PM

LKC Medicine-Imperial College London Joint Workshop on the Health Consequences of Air Pollution, will bring together experts in the field to discuss air pollution and its impact. **NISTH Fellow, Assistant Professor Sanjay Chotirmall** will be moderating the roundtable session, that discusses the 'Air quality in the post-COVID-19 era and also explores strategic areas of NTU-ICL collaboration.

Register: [Here](#)

OTHER EVENTS



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](#)

GRANT / CHALLENGE CALLS

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



Hello Tomorrow Asia Pacific Challenge

Applications deadline: 18 June 2021

NTUitive is a proud partner of the Hello Tomorrow Asia Pacific Challenge 2021. It is a platform to showcase innovations, across 10 industry tracks: Aerospace; Computer & Communication Hardware; Data & AI; Digital Health & Medical Devices; Energy & Environment; Food & Agriculture; Industrial Biotech & New Materials; Industry 4.0; Medical Biotech & Pharma; Mobility & Urban Sustainability.

More details at: <https://www.hello-tomorrow-apac.org/apac-challenge-2021>



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