

TOPIC OF INTEREST: DIGITAL ECONOMY

Digital Economy: Digital economy refers to an economy that is based on digital computing technologies, although we increasingly perceive this as conducting business through markets based on the internet and the World Wide Web.

The digital economy is also referred to as the *Internet Economy*, *New Economy*, or *Web Economy*. It is based on the interconnectedness of people, organizations, and machines that results from the Internet, mobile technology and the internet of things (IoT)

#DYK: Technologies Driving The Digital Economy are Artificial Intelligence (AI), Internet of things (IoT), Blockchain, Augmented reality and virtual reality, Mobile, Big data, Machine learning and Deep learning, Robots and drones, Cloud Computing, Privacy and security.

#nisthfellows working in fields related to Digital Economy are Bo An, Chang Xin, Kang Jun-Koo, Lim YeeFen Hannah and Lu Shijian

#nisthreads:

- [Contingency-Aware Influence Maximization: A Reinforcement Learning Approach](#) (Bo An)
- [P-Hacking in Experimental Accounting Studies](#) (Chang Xin)
- [Risk management, firm reputation, and the impact of successful cyberattacks on target firms](#) (Kang Jun-Koo)
- [Awareness, acceptance, and adoption of the national digital contact tracing tool post COVID-19 lockdown among visitors of a public hospital in Singapore](#) (Hannah YeeFen Lim)
- [Brain MRI super-resolution using coupled-projection residual network](#) (Lu Shijian)



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



6 – 9 July 2021; Paid Event

International Conference on "Materials for Humanity (MH 21)", will showcase the latest developments in materials science, engineering as well as in science communication that will secure a sustainable future. **Prof Vanessa Evers** chairs the symposium on 'Art of Science Communication'. that will cover the topics of role of science communication in addressing public hesitancy, misinformation and public mistrust in science, tools and strategies for effective science communication, as well as the specificity of science-based policies for different stakeholders. The symposium hosts Nobel Laureate, NISTH Fellows and international representatives from academia, industry and publishing agencies.

More info at: [Here](#)



16 July 2021; 12:00 PM – Deadline 9 July

Ask a Scientist: Climate Change & Nature-based Solution Webinar, is an initiative by the Earth Observatory of Singapore, as part of Climate Action Week 2021 organised by the Singapore Ministry of Sustainability and the Environment in support of the Singapore Green Plan 2030. How will Climate Change affect Singapore? What are the benefits of nature-based solutions? Have your questions answered by our experts at the webinar.

Register & submit your questions at: <http://bit.ly/ScientistQnA> by 9 July

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



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

	<p>More details at: https://www.singaporecancersociety.org.sg/about/cancer-research.html</p>
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	<p>Abu Dhabi – Singapore Smart Cities Open Innovation Challenge 2021 Applications deadline: 29 July 2021, 4.00pm</p> <p>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.</p> <p>More details at: https://www.eventbrite.sg/e/abu-dhabi-singapore-smart-cities-open-innovation-challenge-2021-tickets-151755844817?aff=IPI</p>
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	<p>Email us at nisth-events@ntu.edu.sg; Website: www.nisth.ntu.edu.sg</p>
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