

TOPIC OF INTEREST: GERONTECHNOLOGY

Gerontechnology: is an inter- and multidisciplinary academic and professional field combining gerontology and technology.

It concerns matching technological environments to health, housing, mobility, communication, leisure and work of older people.

#DYK: Gerontechnology, is most frequently identified as a subset of HealthTech and is more commonly referred to as AgeTech in Europe and the United States.

#nisthfellows working in fields related to Gerontechnology are Domenico Campolo, George Augustine, Jung Younbo, Annabel Chen, Vanessa Evers, Helen Smith, Dino Accoto and Nadia Thalmann

#nisthreads:

- [A voice activated bi-articular exosuit for upper limb assistance during lifting tasks](#) (Dino Accoto)
- [Dopamine D2 receptor-mediated circuit from the central amygdala to the bed nucleus stria terminalis regulates impulsive behaviour](#) (George Augustine)
- [Robotic Assisted Upper Limb Training Post Stroke: A Randomized Control Trial Using Combinatory Approach Toward Reducing Workforce Demands](#) (Domenico Campolo)
- [Efficient Sketch Recognition Via Compact Spatial Embedding Graph Neural Networks](#) (Nadia Thalmann)
- [Agenda-setting in social TV: How and when user comments influence perceived issue importance](#) (Jung Younbo)
- [Aging patterns of Japanese auditory semantic processing: an fMRI study](#) (Annabel Chen)



More details on our social media platforms this week:

NISTH EVENTS



NISTH ThinkOut: Citizen Participation for Smart City Governance, was held on the 5th of July. If you missed the webinar, you can now listen and watch the recording of the webinar on our [YouTube](#) and [Podcast](#) channels.

The event was jointly organised by NISTH and the DesignLab, at the University of Twente (UT), Netherlands. The panellists included, Prof Peter-Paul Verbeek and Dr Sabine E. Wildevuur, from UT, Dr Natalie Pang (UNESCO Inclusive Lab, NUS) and **NISTH Fellow & Assoc Director, Assoc Prof Hallam Stevens**. It was moderated by, **NISTH Director, Prof Vanessa Evers**.

EVENTS WITH NISTH FELLOWS



16 July 2021; 12:00 PM

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. **NISTH Fellows, Prof Benjamin Horton and Asst Prof Perrine Hamel**, will answers questions like; How will Climate Change affect Singapore? What are the benefits of nature-based solutions?

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



19 July 2021: More details to come!

Climate for Change (Season 2): 'Closing the Loop or Circular Economy', is a Channel News Asia (CAN) documentary series. The next episode to be aired, features, **NISTH Fellow, Prof Madhavi Srinivasan**, as she discusses e-waste recycling in Singapore, specifically focussing on Lithium-ion batteries recycling. She also talks of her close collaboration with the French Alternative Energies and Atomic Energy Commission (CEA), and the joint NTU lab, Singapore CEA Alliance for Research in Circular Economy (SCARCE).

Watch it on CAN Insider!

OTHER EVENTS



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](https://falling-walls.com/lab/apply)

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

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