

TOPIC OF INTEREST: UNMANNED SYSTEMS

An Unmanned System (US) or Vehicle (UV) can be defined as an “electro-mechanical system, with no human operator aboard, that is able to exert its power to perform designed missions”.

Source: Encyclopaedia

#DYK: It has been estimated that by 2050 almost all vehicles on the road will be autonomous. By 2035 it is estimated that just under 10% will be autonomous.

The first country to build drones was Israel, with Israel Aerospace Industries heading the charge in terms of export numbers

#nisthfellows working in fields related to Unmanned Systems : Neils de Boer, Vanessa Evers, Nadia Thallmann and Hannah YeeFen Lim

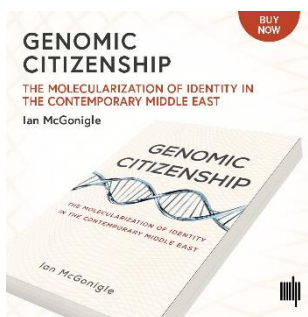
#nisthreads:

- [Human-Machine Interaction for Autonomous Vehicles: A Review](#)
- [Air Autonomous System](#)
- [All-Weather Collaborative Mapping with Dynamic Objects](#)

More details on our social media platforms this week:



NISTH EVENTS



15 Sep 2021; 4:00 PM – 5:00 PM

Fellows In Focus: Genomic Citizenship, The Molecularization of Identity in the Contemporary Middle East, is an anthropological study based on ethnographic work in Israel and Qatar, and explores the relationship between science, particularly genetics, and national identity. **NISTH Fellow and Author, Asst Prof Ian McGonigle** will discuss who he came to the topic, his research and also how genomic citizenship relates to Singapore.

Read the book at: [Open Access \(Genomic Citizenship\)](#)

Register for the event at: [Here](#)



22 Sep 2021; 11:00 AM – 12:00 PM

NISTH ThinkOut: Covid-19: Emerging designs for resilient homes, offices, cities. The pandemic has repurposed our physical living and working spaces. Our panellists **Asst Prof Felicity Chan** and **Assoc Prof Georgios Christopoulos** will share and discuss their views on how new resilient designs are shaping our ‘new normal’ homes, offices and cities.

Register at: [Here](#)

EVENTS WITH NISTH FELLOWS



APRW turns 25 this year, and we are giving back to the communications community!

Join us virtually for the first-ever APRW-NTU WKWSC panel discussion. Then stay for the launch of the APRW-NTU WKWSC Student Development Fund, graced by Guest-of-Honour, Mr Tan Kiat How, Minister of State for Communications and Information.

Towards Effective Public Messaging Strategies:
Implications for Post Pandemic Communication

8 September 2021; 1:00 PM – 2:30 PM

APRW-WKWSCI Panel Discussion and Launch of Student Development Fund, will be graced by Mr Tan Kiat How, Minister of State for Communications and Information. The panel will discuss, 'Towards Effective Public Messaging Strategies: Implications for Post Pandemic Communication'. Panellists include **NISTH Fellow, Prof May Lwin** (WKWSC), Ms Ginny-Ann Oh (APRW) and Mr Karl Mak (HEPMIL media group). It will be moderated by **NISTH Fellow, Asst Prof Edson Tandoc Jr**. Register at: [Here](#)

OTHER EVENTS



8 September 2021; 3:30 PM – 5:00 PM

Health and Society: Have we learnt anything from SARS and COVID-19 yet?, is part of the NTU Health and Society Research Cluster Seminar Series. Prof Joseph Sung, Dean of LKC Medicine, will speak on how the combat of infectious disease outbreak requires close collaborations between healthcare providers and social science experts.

Register at: [Here](#)



10 September 2021; 2:00 PM – 3:30 PM

The Finals of the Falling Walls Lab Singapore, will showcase the shortlisted students, researchers, and early-career professionals, as they present their innovative ideas in 3 minutes each. They are competing to win a chance to compete in the global Falling Walls Lab Finale in Berlin, Germany on 8 November 2021 and a ticket to the Falling Walls Conference. More Info at: <https://falling-walls.com>

Register at: [Here](#)

GRANT / CHALLENGE CALLS

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



Global Young Academy (GYA) – Call for new members

Applications deadline: 15 September 2021

GYA 2022 call for new members is now open! The GYA is seeking young scholars who combine excellence in research with a demonstrated passion for delivering positive social impact. They especially encourage women and applicants from different minority groups, and from diverse disciplines including the natural, physical and social sciences as well as the arts and humanities and people working in government, industry, and non-governmental sectors to apply.

More details: [Here](#)

MOE AcRF Tier 2 February 2022 Grant Call

Applications deadline: 27 September 2021, 5.00pm

The Ministry of Education (MOE) Academic Research Fund (AcRF) Tier 2 grant funds research that is: Advance high-quality research of international excellence that challenges current understanding or provides pathways to new frontiers; Support academic research as a foundation for discoveries that hold promise for impact on the economy and society; and Support post-graduate research training in our universities.

More details : [Here](#)



Ministry of Education
SINGAPORE

Social Science & Humanities Research (SSHR) 2025 Seed Grant Call 2021 Applications deadline: 31 October 2021, noon



SOCIAL SCIENCE & HUMANITIES RESEARCH (SSHR) 2025 SEED GRANT
CALL 2021

CoHASS, RSIS, NBS and NIE have collaboratively launched the SSHR2025 Seed Grant. This is an annual grant call that aims to catalyse interdisciplinary research and position NTU at the forefront of research in the fields of arts, social sciences, humanities, education and business and lay the groundwork for larger external grant applications. Its focus is on 6 themes: Sustainability and Resilience, Culture and Creativity, Education and Transformation, Leadership and Disruptive Innovation, Human Behaviour and Technology and Language and Heritage.

More details : [Here](#)

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