

TOPIC OF INTEREST: ENERGY TECHNOLOGY

Energy Technology is an interdisciplinary engineering science having to do with the efficient, safe, environmentally friendly, and economical extraction, conversion, transportation, storage, and use of energy, targeted towards yielding high efficiency whilst skirting side effects on humans, nature, and the environment. (Wikipedia)

Technologies that drive energy market transformation: Solar, Wind, Storage, Digitisation, AI, Hydrogen, and Carbon capture and storage. (Forbes)

#DYK: If fully utilised, just an hours' worth of sun power, is enough to meet the energy needs of the entire planet for a year.

#nisthfellows working in fields related to Energy Technology research : Subodh Mhaisalkar, Niels de Boer, Bo An and Pooi See Lee

#nisthreads:

- [Slot-die coated methylammonium-free perovskite solar cells with 18% efficiency](#) (Subodh Mhaisalkar)
- [Zinc-Ion Hybrid Supercapacitors: Progress and Future Perspective](#) (Pooi See Lee)



More details on our social media platforms this week:

NISTH EVENTS



11 August 2021; 11:00 AM – 12:00 PM

NISTH ThinkOut: Misinformation and Vaccine Attitudes will discuss how people's attitudes toward vaccines are affected by misinformation. **Dr David Lye** (Director, Infectious Disease Research and Training Office, NCID) will give us the medical perspective to the issue while **Dr Edson Tandoc** (Director, Centre for Information Integrity and the Internet (IN-cube), WKWSIC) will bring forth the social impact this has on the attitudes toward vaccines.

Register at: [Here](#)

OTHER EVENTS



19 August 2021; 5:00 PM; Register by: 17 August 2021

NHG-LKC Medicine Research Symposium on Clinical Trials, is organised by the National Healthcare Group and LKC Medicine. The symposium will cover topics on clinical trials such as: Trials that change global practice of medicine; Harnessing Support as a PI; A CUHK experience; Building a research programme for clinical research and translation; COVID-19 trials; Being a PI for trials as a busy clinician and others.

Register at: [Here](#)



30 September 2021; Applications deadline: 14 September 2021

The inaugural **Women in Synthetic Biology Symposium**, is co-organised by The Asian Synthetic Biology Association (ASBA) and the Singapore Synthetic Biology Technology Consortium (SINERGY). The aim of the symposium is to showcase and celebrate the scientific achievements of female synthetic biologists in Asia and to give opportunities to young members of the community to present their research in a wide forum. The symposium will feature presentations from all aspects of synthetic biology. **NISTH Fellow, Assoc Prof Sierin Lim**, is the Chair for the organising committee.

More details 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](#)



Ministry of Education
SINGAPORE

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](#)

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