

## TOPIC OF INTEREST: WEARABLE TECH

**Wearable technology**, wearables, fashion technology, smartwear, tech togs, skin electronics or fashion electronics are smart electronic devices (electronic device with micro-controllers) that are worn close to and/or on the surface of the skin, where they detect, analyze, and transmit information concerning e.g. body signals such as vital signs, and/or ambient data and which allow in some cases immediate biofeedback to the wearer. **(Source: Wikipedia)**

**#DYK:** By 2022, the number of connected wearable devices is going to reach a staggering 1.1 billion.

**#nisthfellows** working in fields related to Wearable Technology: Galina Mihaleva, George Christopoulos, Dino Accoto, Song Juha and Pooi See Lee

**#nisthreads:**

- [Bio matter in creative practises for fashion and design](#) (Galina Mihaleva)
- [Activity tracker–based metrics as digital markers of cardiometabolic health in working adults: Cross-sectional study](#) (George Christopoulos)
- [A Microfabricated Dual Slip-Pressure Sensor with Compliant Polymer-Liquid Metal Nanocomposite for Robotic Manipulation](#) (Dino Accoto)
- [3D-printed monolithic porous adsorbents from a solution-processible, hypercrosslinkable, functionalizable polymer](#) (Song Juha)
- [Printable elastomeric electrodes with sweat-enhanced conductivity for wearables](#) (Pooi See Lee)



More details on our social media platforms this week:

## OTHER EVENTS



**16 - 27 August 2021**

**Design for Good**, is organised by Student Affairs Office and in collaboration with the School of Art, Design and Media (ADM), Design For Good 2021 examines how art interacts with societal change and work towards alleviating the concerns of communities around the world, through curated workshops and exhibits.

More details: [Here](#)



**24 August 2021; 7:00 PM**

**Emerging Stronger: Singapore through COVID-19**, is the annual NTUSU Ministerial Forum. The Forum is the premier student engagement event organised by the NTUSU MODE Committee for students to voice their opinion on pertinent global trends and developments that are close to heart. This year, Minister Lawrence Wong discusses his experience coordinating pandemic efforts, and his priorities, as we emerge stronger. **More info:** [Here](#)



**26 August 2021; 7:00 PM**

**Singapore's Food and Beverage Industry in the Pandemic**, is organised by NTU Food Studies. The panellists include, K F Seetoh (local food consultant), Rajeev Panjwani (Owner, Coriander Leaf restaurant), Lim Jialiang (F&B entrepreneur) and Sam Chablani (Chef) will discuss the impact of the pandemic on the restaurant industry and F&B in general. **Abstract and register:** [Here](#)



**25 August 2021; 2:00 PM – 6:00 PM**

**Plant Based Perfection Challenge**, is presented by ADM, NTU. The Top 4 Finalists will, convert their idea into real edible products. During the Finals, teams have to prepare and present their teams dish to a jury of experts in the field of Flavor, Application, Business and Marketing. Watch live as the teams show dishes like bak kwa, curry puff, chili crab and xiao long bao can be made and presented using plant-based meat alternatives. **Register at:** <https://www.plant-based-perfection.com/basic-10>

## GRANT / CHALLENGE CALLS

For assistance in identifying research partners, email us at [NISTH-research@ntu.edu.sg](mailto: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](mailto:nisth-events@ntu.edu.sg); Website: [www.nisth.ntu.edu.sg](http://www.nisth.ntu.edu.sg)