

## FEATURED ARTICLES

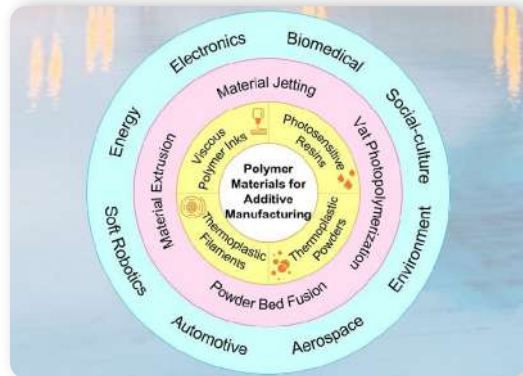
### 2021 Nobel Prize in Economic Sciences: Natural Experiments Help Answer Important Questions



The 2021 Nobel Laureates in Economic Sciences were honoured for developing a rich set of analytical tools for empirical social scientists to collect and analyse the data generated from natural experiments, without the need to conduct human experiments.

[Read more](#)

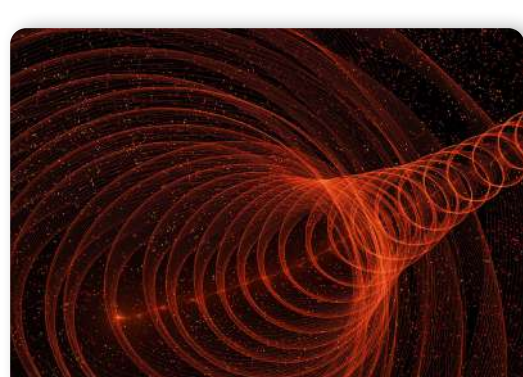
### Web of Science's Hot Paper Recent Progress on Polymer Materials for Additive Manufacturing (AM)



Assoc Prof Zhou Kun's team (MAE) provided a comprehensive assessment of the progress in the development of polymers for different AM techniques, and the potential research directions of the technology.

[Read more](#)

### Impact of the Quantum and Topological Nanophotonics (QTN) Workshop Series



The QTN series strategically targeted collaborations with leading research communities to identify new trends in photonics research and establish NTU leadership on these topics. Numerous research awards have been received by NTU/CDPT researchers and many joint papers published following the series.

[Read more](#)

## EVENT HIGHLIGHTS

### CoS Distinguished Speaker and IAS Lee Kong Chian Distinguished Professor Public Lecture by Prof Didier Queloz | 21 April 2022, Nanyang Auditorium



"The Exoplanet Revolution" public lecture by Prof Didier Queloz (Nobel Laureate in Physics 2019, Cambridge University) was graced by Her Excellency, Ms Kara Owen, the British High Commissioner to Singapore. Sponsored by the Lee Foundation and Ms Alice Hung, Founder of Paeonia Ventures, the event was attended by 430 participants including 225 online attendees from across the globe.

Duan Yihe, Hwa Chong International School:

"Prof Queloz's lecture not only showed me his passion to push humankind closer to the scientific truth, but ignited my own passion to learn more about astrophysics. ...Science isn't a quest for glory, it is a simple quest for knowledge. He reminded us as an audience to never forget to be humble."

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### 4<sup>th</sup> International Workshop on Quantum and Topological Nanophotonics | 28 to 30 April 2022, Nanyang Executive Centre



[Read more](#)

The 4th QTN Workshop was organised by CDPT in collaboration with USA East Coast Universities and supported by IAS and SPMS. With the recent easing of Covid-19 restrictions, the in-person event facilitated deep discussions and exchange of ideas among participants on fundamental aspects and recent advances of quantum and topological nanophotonics, as well as the future trajectory of these vibrant research fields. The distinguished speakers include Nobel Laureate Prof Konstantin Novoselov and many more.

### Discovery Science Seminar "Living on the Edge: Microbial Life under Extreme Deep-Sea Conditions" | 23 March 2022

In this webinar jointly organised with the Graduate Students' Clubs of SPMS, SCBE and SBS, Assoc Prof Federico Lauro (ASE; Principal Investigator of SCELSE) introduced microbial life under deep-sea conditions and discussed the importance of studying microbial ecology in basic science, exploration, and conservation of abyssal and hadal environments.

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## UPCOMING EVENTS

### Frontiers in Science: A Conference in honour of Nobel Laureate Professor CN Yang at 100

8 June 2022 | Nanyang Auditorium and Live Streaming

The centennial conference aims to commemorate Prof Yang's pioneering contributions in physics covering a wide range of topics. The event will feature Nobel Laureates Prof Konstantin Novoselov and Prof Brian Schmidt, and several eminent invited speakers. Prof Ling San, NTU Deputy President and Provost, will be the Guest-of-Honour.

[Register now](#)



### Discovery Science Seminar by Prof Shigenobu Shibata (Waseda) and Dr Ken Lee (SPMS NTU)

1 June 2022 | 10am SGT (zoom webinar)

Registration opens soon

**Fermented Okara:  
Good Recipe for Good Health  
- WHAT and WHEN to Eat**

