

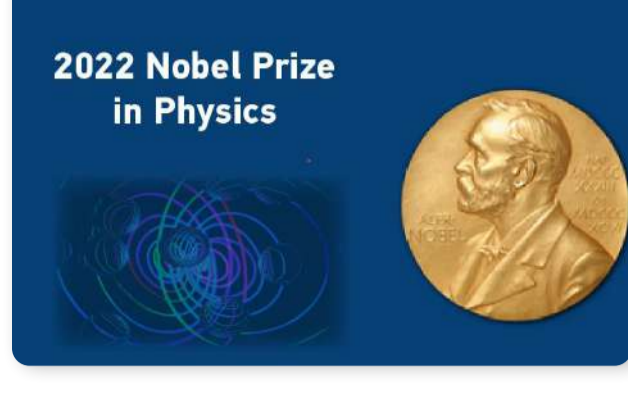
INSTITUTE OF ADVANCED STUDIES

NANYANG
TECHNOLOGICAL
UNIVERSITY

Catalyse high-impact research | Transcend disciplinary boundaries | Expand knowledge & education frontiers

FEATURED ARTICLES

Experimental Efforts Towards Quantum Entanglement



The Nobel Prize in Physics 2022 was awarded to Prof Alain Aspect, Prof John Clauser and Prof Anton Zeilinger for their groundbreaking work in experimental photons, building on John Bell's inequality to explore quantum entanglement.

[Read more](#)

Prof Dame Lynn Gladden conferred NTU Honorary Doctorate



IAS Distinguished Fellow and Shell Professor of Chemical Engineering at the University of Cambridge Prof Dame Lynn Gladden has been conferred the prestigious NTU honorary doctorate at the Convocation Ceremony.

[Read more](#)

EVENT HIGHLIGHTS

IAS-SSS Distinguished Speaker Public Lecture | 27 July 2023



Nobel Laureate Prof Joshua Angrist and Renowned Scholar of Social and Economic Networks Prof Matthew Jackson explored the factors and mechanisms that facilitate social mobility. Prof Angrist spoke about escaping the elite illusion that an education from elite universities is the only path to success, and Prof Jackson shared the influence of social networks on social status and mobility.

[Read more](#)

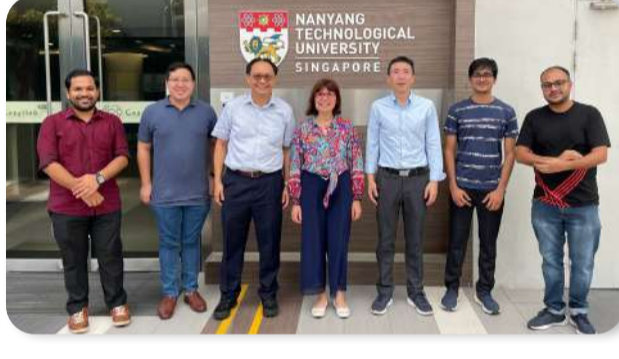
Prof Matthew Jackson's Tea Session with NTU Scholars and PhD Students | 27 July 2023



Renowned economist Prof Matthew Jackson shared his wisdom on socioeconomic networks with students across various NTU schools, exploring topics from the importance of social capital in achieving social mobility to the qualities that exceptional researchers should hold.

[Read more](#)

IAS Seminar by Visiting Professor Emmanuel Deleporte (ENS Paris-Saclay) | 31 July 2023



In her talk "Organic-inorganic Halide Perovskites: Tailor-made Excitons for Lasers and Photovoltaics", Prof Emmanuel Deleporte shared insights into the cutting-edge developments of halide, and their potential for application in photovoltaic technologies that could significantly advance the field.

[Read more](#)

ICMAT 2023 Satellite Workshop on Advanced Scanning Probe Methods | 30 June 2023



Topological and quantum matter, characterised and controlled at the atomic scale, were the focal points of the ICMAT 2023 Satellite Workshop on Advanced Scanning Probe Methods. The workshop brought together international experts to engage in scientific exchange on topics of advanced scanning probe microscopy.

[Read more](#)

ICMAT 2023 Satellite Workshop on Perovskite Materials Stability | 30 June 2023



The ICMAT 2023 Satellite Workshop on Perovskite Materials Stability explored the complicated mechanisms that create instability in perovskite materials, and facilitated open debate and knowledge sharing about techniques and methodologies to push the frontiers of perovskite solar cell research.

[Read more](#)

IAS@NTU STEM Graduate Colloquium Jointly Organised with the Graduate Students' Clubs



"Biophotonics: Light up Medical Technology Innovation" by Dr Bi Renzhe (IMRE A*STAR; 2022 Young Scientist Award) | 23 June 2023



Dr Bi Renzhe immersed students in the fascinating world of photoacoustic imaging, diffuse optics, and raman spectroscopy, unveiling not only the concepts but also the clinical applications of these remarkable technologies.

[Read more](#)

"Tailoring Nanoscale Systems by a Bottom-up Design" by Prof Roland Wiesendanger (University of Hamburg) | 12 July 2023



The webinar blended dissemination of basics of Scanning Tunnelling Microscopy with a review of Prof Wiesendanger's work on the forefront of this field. He also talked about how atomic level resolution of spins in real space can be achieved with magnetic exchange force microscopy.

[Read more](#)

UPCOMING EVENTS

IAS Discovery Science Seminar by Associate Prof Tan Meng How | 16 August 2023, 2pm, The Arc LT

[Register now](#)

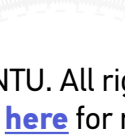


IAS Discovery Science Seminar by Prof Xavier Garbet | 30 August 2023, 230pm, SPMS LT2

[Register now](#)



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For enquiries, email us at ias@ntu.edu.sg

August 2023