



The 2021 Awards Presentation

29 September 2022



Institute of Physics Singapore


The 2021 Awards

recognizing outstanding contributions to the physics landscape in Singapore through research, education and outreach at all levels



The 2021 Awards

IPS Council Awards

- The IPS President Medal
-  • The IPS Physics Tech Medal and Prize
-  • The IPS Emerging Investigator Medal and Prize

World Scientific Award

- The IPS Medal and Prize for Outstanding Physics Research



ARC Sciences Award

- IPS Nanotechnology Physics Medal and Prize



The 2021 Awards (contd)

Crescendas Awards

- The IPS Physics Education Medal and Prize
 - ✓ for Outstanding Physics Teacher (Junior Colleges)
 - ✓ for Outstanding Physics Teacher (Secondary Schools)
 - ✓ for Outstanding Engineering Physics Teacher (Polytechnics/ITE)
 - ✓ for Outstanding Applied Physics Researcher (Polytechnics)



- The IPS Physics Education Research Medal and Prize

Cadi Scientific Award

- The IPS Medal and Prize for Public Awareness of Physics



The 2021 Awards Committee



Christian Kurtsiefer
NUS-CQT



Shaffique Adam
YALE-NUS



Koh Wee Shing
A*STAR-IHPC



Dario Poletti
SUTD



Rajdeep Singh Rawat
NIE-NTU



Cesare Soci
NTU



IPS President's Award 2021



For his theoretical contributions to the physics of graphene and two-dimensional materials, and for his endeavors in establishing the Graphene Research Center and the Centre for Advanced 2D Materials in Singapore.

Prof. Antonio Castro Neto

National University of Singapore



IPS Emerging Investigator Prize 2021



For his outstanding contributions to antiferromagnetic spintronics as a Senior Postdoctoral Fellow at the National University of Singapore, and his continuous accomplishments in the field of quantum materials as a Marie Curie Postdoctoral Fellow at Oxford University.

Dr. Hariom Jani

National University of Singapore



IPS Physics Tech Prize 2021



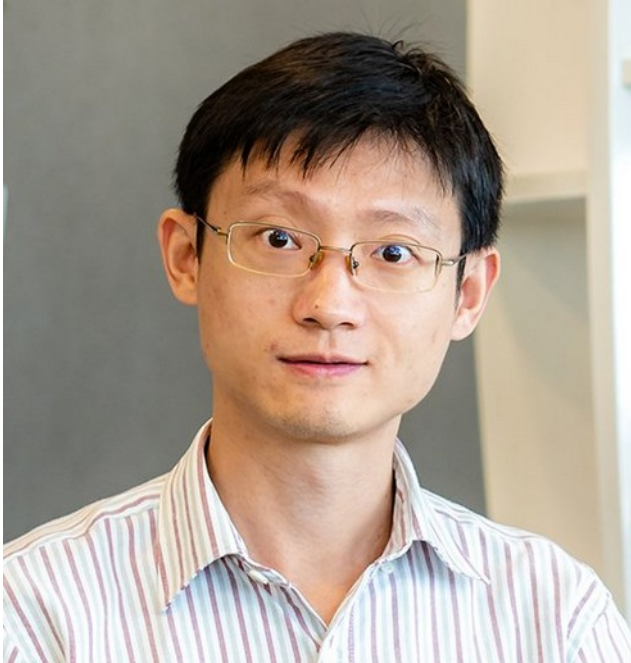
In recognition of his outstanding contributions towards physics research and teaching at the Centre for Quantum Technologies and the NTU School of Physical and Mathematical Sciences, and for his unwavering support of the Making and Tinkering lab at NTU.

Mr. Gan Eng Swee

Nanyang Technological
University



IPS World Scientific Award 2021



For his outstanding and significant contributions in the field of topological states of matter, including the discovery of new topological phases and the prediction of their unique physical properties.

Prof. Shengyuan Yang

Singapore University of Technology
and Design



IPS Nanotechnology Physics Medal 2021



In recognition of his achievements in nanophotonics research, in particular his significant contributions to quantum cascade lasers, 2D materials, THz optoelectronics and plasmonics.

Prof. Qijie Wang
Nanyang Technological University



IPS Cadi Scientific Award for The Public Awareness of Physics 2021



For the Singapore Physics League Competition team having demonstrated outstanding inspiration, innovation and enthusiasm in promoting physics to the public.

**Mr. Christopher Xianbo Ong & Team,
Hwa Chong Institution**

Brian Siew Jiang Yi, Shaun Quek Jia Zhi, Galen Lee Qixiu, Luo Zeyuan, Tian Shuhao, Theodore Lee Chong Jen, Man Juncheng



IPS Crescendas Physics Education Medal and Prize for Outstanding Physics Teacher (Junior Colleges) 2021



In recognition of his outstanding efforts in the development of the physics and applied physics curriculum at Anglo Chinese School, pedagogical innovation like interactive seminars, and use of applied physics concepts in industry-related research projects.

Mr. Benjamin Chan Kim Choon
Anglo Chinese School (Independent)



IPS Crescendas Physics Education Medal and Prize for Outstanding Physics Teacher (Secondary Schools) 2021



In recognition of his commitment to physics teaching, development of teaching resources such as Youtube videos and EdPuzzle workshops, and contribution to national and zonal physics chapters in Singapore.

Mr. Syed Ali Bin Mohamed Alhabshee
Westwood Secondary School



IPS Crescendas Physics Education Research Medal and Prize 2021



In recognition of his outstanding efforts in the development of the physics and applied physics curriculum at NUS High School, as SG Physics Olympiad national trainer, and his current research in physics and physics education for high-performing students.

Dr. Bernard Ricardo
NUS High School



Institute of Physics Singapore

Submit your nominations for the 2022 Awards!

ipssingapore.org/awards/awards.html

- Nominations are accepted throughout the year
- Each nomination will be kept for 2 years
- Should have done physics related works in Singapore for at least 2 years
- IPS Award recipient will not be awarded again for the subsequent 5 years