



2018 IPS Awards presentation

29 March 2019



Institute of Physics Singapore

The 2018 Awards

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



Crescendas Medal and Prize for **Outstanding Physics Teacher (Junior College) 2018**



**Mrs. Lim
Siew Eng**
Raffles Institution

For developing young talents in Physics, including mentoring students for SRP and SSEF programmes, training students for many Physics Olympiad and Tournament events, and – last but not least – mentoring new teachers and being the to-go person for physics content matters in the department.



Crescendas Medal and Prize for **Outstanding Engineering Physics Teacher (Poly/ITE) 2018**



Mr. Jeremy Chong
Nanyang Polytechnic

For his strong commitment to engineering physics as a lecturer at Nanyang Polytechnic, and for being an inspirational mentor and advisor of the astronomy club, organizing many times the NYP-IPS Astro-competition for secondary school students.



Cadi Scientific Medal and Prize for **The Public Awareness of Physics 2018**



**Dr. Lim
Kim Yong**
National University
of Singapore

For inspiring thousands of young students at the helm of the Science demo laboratory, for developing effective science communication skills of undergraduate students through spearheading the Young Educator in Science program (YES) at NUS, and for being one of the pioneers of the Singapore Physics Olimpiad efforts.



IPS Nanotechnology Physics Medal 2018



Asst/Prof.

Slaven Garaj

National University of Singapore

For exploring new phenomena at nanoscale interfaces between soft matter and 2D materials, including a nanopore sensor for analysis of DNA molecules and fingerprinting of individual proteins, and for developing the graphene membranes for filtration and water desalination.



IPS World Scientific Award 2018



A/Prof.

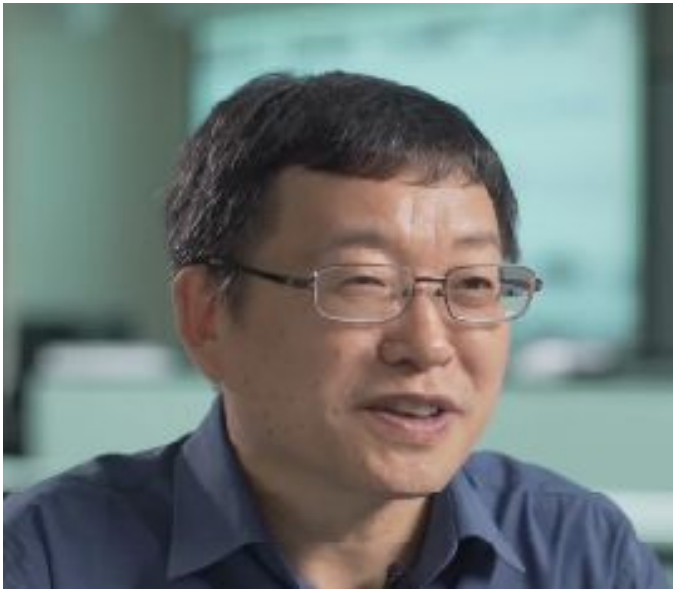
Shaffique Adam

Yale-NUS College and
National University of Singapore

For important theoretical breakthroughs with profound applied values, in particular the understanding of a tight connection between electronic and mechanical properties of electronic membranes, and a new theoretical mechanism causing magnetoresistance based on impurities.



Institute of Physics Singapore **President's Award 2018**



Prof. Xu Shuyan
National Institute of Education

For pioneering physics and applications of high density plasma in Singapore, and shaping the research profile of plasma physics at NIE/NTU through facility and diagnostics development on Silicon photovoltaics and plasma thrusters for space propulsion with reach far beyond Singapore.