

CONFERENCE ON COSMOLOGY GRAVITATIONAL WAVES AND PARTICLES (6 - 10 FEBRUARY 2017)

Banquet & Annual IPS Awards 2017 Presentation



The Institute of Physics, Singapore (IPS) takes pleasure in recognizing and rewarding local or international physicists for outstanding achievements in their respective fields done in Singapore.

- It is our annual objective to identify and honour physicists who are currently doing state-of-the-art physics research or making innovative physics education contributions at all levels in Singapore.
- This is to encourage younger members of our Singaporean physics community to attain greater success in future as they probe the marvelous yet unknown frontiers of our physical Universe and communicate science to schools and the public.



Institute of Physics, Singapore

ANNUAL IPS AWARDS PRESENTATION 2017

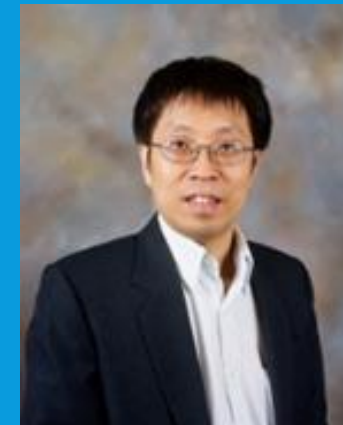


ASSOC. PROF. RAJDEEP SINGH
IPS PRESIDENT &
DY HEAD, RESEARCH &
POSTGRADUATE MATTERS, NSSE

EMCEE



PROF. Christian Kurtsiefer
IPS VICE PRESIDENT &
DY CHAIR, IPS AWARDS



ASSOC. PROF. PHIL CHAN
CHAIR, IPS AWARDS &
DY HEAD OF NUS PHYSICS



Institute of Physics, Singapore

IPS CRESCENDAS AWARD FOR OUTSTANDING JUNIOR COLLEGE PHYSICS TEACHER 2016



Ms KHAW HWEE JU

- **VICTORIA JUNIOR COLLEGE**
- Outstanding Physics Teacher and one of her greatest contributions is to constantly explore and implement innovative pedagogical approaches to actively engage students in the learning of "A" level physics in a Junior College.



IPS CRESCENDAS AWARD FOR OUTSTANDING POLYTECHNIC ENGINEERING PHYSICS LECTURER 2016



MR TAN KAY YEW KEN

- **Temasek Polytechnic (TP), School of Engineering**
- An outstanding Applied Physics Lecturer who is instrumental in setting up a new physics demonstration laboratory at Temasek Polytechnic.
- This new Demo lab will also be used by secondary schools students to excite them in the learning of physics.



IPS CRESCENDAS AWARD FOR OUTSTANDING POLYTECHNIC ENGINEERING PHYSICS LECTURER 2016



MR SOO KIAN THIAM

- **Nanyang Polytechnic (NYP), School of Engineering**
- An outstanding and very well-respected Engineering Physics, and Engineering Mathematics Lecturer. As an outstanding Engineer with vast industrial experiences, he is a great advocate of STEM education for younger Singaporeans. He has the ability to bring real life engineering physics experiences to the classroom.



IPS CRESCENDAS AWARD FOR OUTSTANDING ITE ENGINEERING PHYSICS LECTURER 2016



Ms LEE LAI BAY

- **National University of Singapore, NUS, Physics Workshop.**
- Outstanding and highly skilled NUS workshop and engineering physics technologist who has contributed significantly to Singapore (& International) World Skills Competition as a Jury Panel at the Institute of Technical Education, ITE.



IPS CRESCENDAS AWARD FOR OUTSTANDING POLYTECHNIC APPLIED PHYSICS RESEARCH 2016

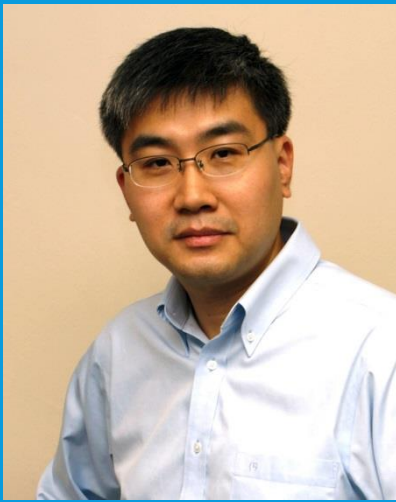


DR HAMID SAEEDIPOUR

- **Republic Polytechnic (RP), School of Engineering**
- An outstanding applied physics researcher, in particular, his contribution in the Healing of Damaged Composite Aero-Structure. This research is funded by Singapore MOE-TIF and it also won the Singapore Innovation Award for Aeronautics.



IPS CADI SCIENTIFIC AWARD FOR PUBLIC AWARENESS OF PHYSICS



DR. YEO YE

NATIONAL UNIVERSITY OF SINGAPORE, NUS

Many years of Outstanding Contributions to Singapore Physics Olympiads, International Physics Olympiad, Asian Physics Olympiads and IYPT. As an outstanding educator, he has helped many generations of physics students win international physics medals for our country.



IPS NANOTECHNOLOGY AWARD



ASST. PROF QUEK SU YING

- **NATIONAL UNIVERSITY OF SINGAPORE, NUS**
- Outstanding research in 2D materials, namely Contact Resistance, Emergent Electronic Properties and Raman Spectroscopy for Materials Characterization research works done in Singapore.



IPS NANOTECHNOLOGY AWARD



**ASST. PROF
UTKUR M. MIRSAIDOV**

- **NATIONAL UNIVERSITY OF SINGAPORE, NUS**
- Outstanding research in Nanoscale Biology (dynamics of protein and protein complexes) Nanoscience (self-assembly, material growth dynamics and nanoscale phase transitions), Physics and chemistry at interfaces and Nanofabrication works done in Singapore.



IPS WORLD SCIENTIFIC AWARD

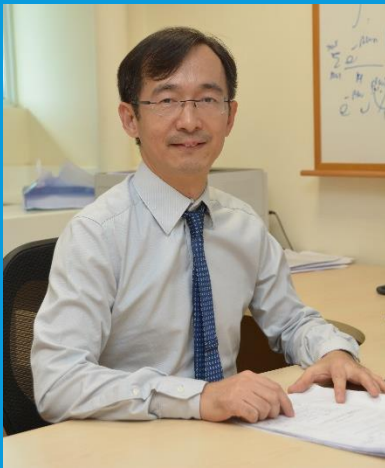


PROF. BORIS LUKIYANCHUK

- **DSI, A*STAR, NTU**
- Outstanding research in modern physical optics, plasmonics, nanophotonics and modern theoretical physics related to laser-matter interaction work done in Singapore.
- He is currently the Scientific Advisor at the Data Storage Institute.



IPS WORLD SCIENTIFIC AWARD



PROF. GONG JIANGBIN

- **NATIONAL UNIVERSITY OF SINGAPORE, NUS**
- Outstanding research in generation and simulation of novel Topological states of matter in periodically driven system, Quantum thermodynamics and Quantum Heat Engine done in Singapore.



INST. OF PHYSICS, SINGAPORE

IPS PRESIDENT'S AWARD



ASSOC. PROF.
KWEK LEONG CHUAN

- **NATIONAL INSTITUTE OF EDUCATION AND INST. OF ADV. STUDIES, NTU**
- Outstanding contributions and leadership for many years of Singapore physics education and part of the group to initiate Quantum Information research in Singapore. Currently the Deputy Director of the Institute of Advanced Studies in Nanyang Technological University.

