

## DTU Young Scientist Honoured

The fascinating natural world, with the formation of the earth, planets, and black holes, or physical phenomena like superconductivity, superfluidity, etc, having a scientific explanation based on laws, models, and mathematical tools in the lectures of leading researchers of Physics were the starting point for Dr. Phan Van Nham to pursue the study of physics right from his student days. To honor and recognize the achievements of young scientists, the Vietnam Theoretical Physics Society will award a Certificate of Merit to Dr. Phan Van Nham of the DTU Center for Research and Development. This well-known annual award is presented to the one young Vietnamese researcher who has come up with the most significant research in the field of Theoretical Physics over the past three years.

Dr. Nham was born in 1980 in Thai Binh province. Since he attended secondary school there, he was recognized by his teachers for his positive attitude in learning new things and for his critical thinking ability in Natural Sciences. After graduating from the Faculty of Physics at the Hanoi National University of Education, Dr. Nham started working for the Theoretical Physics Center at the Institute of Physics of the Vietnam Academy of Science and Technology. He received his Master's degree there after conducting some advanced research and then won a full scholarship to study for his PhD at the Max-Planck Institute in Germany. Since his return to Vietnam, he has been working at the DTU Research and Development Center to pursue his continuing research in Theoretical Physics.



*Dr. Nham at the DTU Center for Research and Development*

Dr. Nham has released ten papers in international publications, including the Physical Review B, the New Journal of Physics and others. His research has been recognized at national and international conferences.

During the time involved in post-doctorate studies at Greifswald University, Dr. Nham published a paper entitled: “The Coulomb Interaction Effects in Grapheme Bilayers: Electron-Hole Pairing and Plasmaron Formation”. This research has been applied in atomic laser and atomic chips technology. Currently he is researching Exciton and Polariton Condensation at DTU, sponsored by Nafosted.

Dr. Phan Van Nham was delighted to receive the sole award given by The Vietnam Theoretical Physics Society. He said: *”This is an important award which has been conceived to inspire and encourage young Vietnamese researchers in Theoretical Physics and related fields. I am so happy to work in such a dynamic and advanced environment at the DTU Center for Research and Development. The knowledge I acquired in Germany and my current research activities at DTU provide a great opportunity for my colleagues and me to accelerate research activities and international integration at DTU.”*

The award for Young Researcher was initiated in 2009 by The Vietnam Theoretical Physics Society to recognize brilliant young physicists nationwide. This year, with his research paper entitled: “Exciton Condensation Due to Electron-Phono Interaction”, published in scientific journals internationally, Dr. Nham competed with candidates from other universities nationwide to win the individual award.

At the 39th National Conference on Theoretical Physics, which is held from July 28 to 31 in Buon Ma Thuot, the Vietnam Theoretical Physics Society will award Dr. Phan Van Nham a Certificate of Merit (and 10 million dong).

*(Media Center)*