

Chinese Physical Society 2016-2017 Physics Awards

Twelve physicists were the recipients of eight awards by the Chinese Physical Society (CPS), given during the Fall Meeting of CPS in September 2017. Held in Chengdu, the Fall Meeting was the largest gathering of physicists of CPS, and totaled more than 2500 participants this year. These awards are conferred every two years, and are the top physics awards given by the Chinese Physical Society. Each award carries a medal and award money. The following table lists the recipients, their affiliation and the award that they received.

#	Recipients	Affiliation	Introduction of the work	Award Names
1	Guangyu Zhang	Institute of Physics, CAS	Guangyu Zhang and the coauthors have achieved important progress on the fabrication, interface-modulated electric transport, and prototype devices of 2D materials and their heterostructures.	Hu Gangfu Physics Award (for experimental physics)
2	Li Xuan	Changchun Institute of Optics, Fine Mechanics and Physics, CAS	Li Xuan's group is the first to develop a liquid crystal adaptive optics imaging system for large aperture telescopes, which is an important contribution to the field of liquid crystals.	
3	Liangyou Peng	Peking University	Liangyou Peng has made significant contributions to theories of strong field and attosecond physics.	Rao YuTai Physics Award (for atomic, molecular, optical and acoustical physics)
4	Weiping Zhang	Shanghai Jiao Tong University	Weiping Zhang has made an internationally recognized seminal achievement in developing theoretical and experimental research on quantum optics, atom optics and quantum metrology.	
5	Ke He	Tsinghua University	Ke He has achieved important results on molecular beam epitaxy growth and the engineering of topological insulators, and has made outstanding contributions to the first experimental realization of the quantum anomalous Hall effect.	Ye Qisun Physics Award (for condensed matter physics)
6	Yuhu Zhang	Institute of Modern Physics, CAS	Yu-Hu Zhang and his team members have accomplished important work in the fields of nuclear structure and nuclear astrophysics based on the large-scale scientific facilities in China.	Wu Youxun Physics Award (for nuclear physics)
7	Yuanning Gao	Tsinghua University	The experimental particle physics group led by Yuanning Gao has discovered a new type of particle containing five quarks, which represents a major breakthrough in the study of the formation of hadrons.	Wang Ganchang Physics Award (for high energy physics)
8	Qian Wang	Peking University	Qian Wang and her collaborators have made outstanding scientific contributions to the theoretical study of novel carbon materials and spin electronic materials.	Xie Xide Physics Award (for women in physics)
9	Jianqing Huo	University of Science and Technology of China	Jianqing Huo has made breakthrough contributions on the pedagogics of experimental physics through innovations of the overall course system and content, advances in teaching methods and by building a diversified teaching environment.	
10	Jianhua Zhao	Institute of Semiconductors, CAS	On the construction and method of physics experiment teaching, Jianqing Huo has made a breakthrough contribution to the innovation of experimental course system and content, teaching mode and building a diversified teaching environment.	Huang Kun Physics Award (for semiconductor physics)
11	Xinran Wang	Nanjing University	Xinran Wang has made significant contributions to developing high-performance two-dimensional electronic devices, ranging from transition-metal dichalcogenides to organic semiconductors.	
12	Xi Dai	Institute of Physics, CAS	Xinran Wang has made significant contributions to developing high-performance two-dimensional electronic devices, ranging from transition-metal dichalcogenides to organic semiconductors.	Zhou Peiyuan Physics Award (for theoretical physics)