

Special Issue on the 70th Anniversary of National University of Defense Technology

Submission deadline: 31st December, 2023

Introduction to the Special Issue:

This special issue is to celebrate the 70th Anniversary of National University of Defense Technology (NUDT). It publishes top-quality original research articles or reviews in the fields of optics, photonics, optoelectronics, and other related fields from scholars of NUDT. Submissions from NUDT alumni are also welcomed.

Brief introduction of National University of Defense Technology:

National University of Defense Technology (NUDT) was founded in 1953 as the People's Liberation Army Military Academy of Engineering, or Harbin Military Academy of Engineering. In 1970, the main body of the academy moved to Changsha and was renamed Changsha Institute of Technology. In 1978, the institute's name was changed to National University of Defense Technology.

NUDT is now a top university in China, with excellence and high reputation in both higher education and research. It is one of the national "211 Project" and "985 Project" key universities, and one of the top universities for the national "Double First-Class" initiative to build world-class universities. NUDT has cultivated more than 200 thousand professional talents, including 75 academicians of the Chinese Academy of Sciences or the Chinese Academy of Engineering. The Tianhe-2 supercomputer system developed by NUDT has won the title of World's Fastest Supercomputer for six consecutive times. Other remarkable research achievements include key technologies of Beidou navigation satellite system, Tiantuo series micro-nano satellites, high-power lasers, ultrahigh-precision ring laser gyroscopes etc.

NUDT initiated systematic research in optics and photonics in the 1960s shortly after the invention of laser. Those research groups are now mainly affiliated with the College of Advanced Interdisciplinary Studies and are among the biggest optics and photonics groups in China.

Guest editors:

Prof. JinBao Chen



Jinbao Chen received the Ph.D. degree in optical engineering from National University of Defense Technology (NUDT) in 1997. He is currently vice president of NUDT and also a full professor of the College of Advanced Interdisciplinary Studies, NUDT. His current research is focused on high-power laser technology.

Prof. Zhihong Zhu



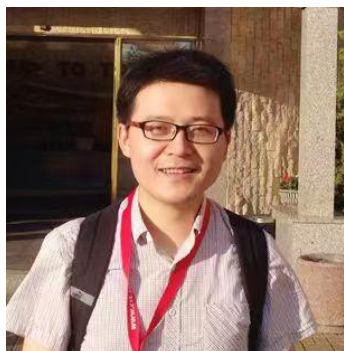
Zhihong Zhu received the Ph.D. degree in optical engineering from the National University of Defense Technology (NUDT) in 2007. He is currently a full professor with the College of Advanced Interdisciplinary Studies, NUDT. His research fields include light-matter interactions in artificial nanostructures, graphene-related two-dimensional materials and devices, integrated optoelectronic chips and so on .

Prof. Pu Zhou



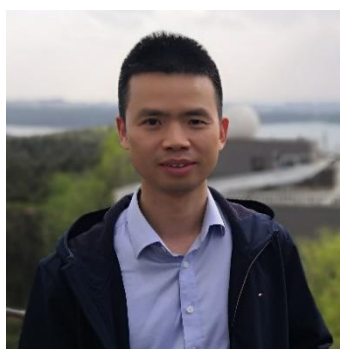
Pu Zhou received the B.S. and Ph.D. degrees in optical engineering from the National University of Defense Technology (NUDT) in 2005 and 2009, respectively. He is currently a full professor with the College of Advanced Interdisciplinary Studies, NUDT. His current research interests include fiber laser/amplifier technology, coherent combining of fiber lasers/amplifiers, and adaptive optics.

Dr. Wei Liu



Wei Liu obtained his BSc and PhD degrees, both in physics, from Peking University and Australian National University, respectively. He is currently an associate professor in the College of Advanced Interdisciplinary Studies, NUDT and works mainly on Mie theory, exploring its hidden structures of symmetry, topology and singularity.

Dr. Jianfa Zhang



Jianfa Zhang received his B.S. in optical engineering from National University of Defense Technology (NUDT) in 2007, and his Ph.D. in optoelectronics from the Optoelectronics Research Centre, University of Southampton, in 2013. He is currently an associate professor in the College of Advanced Interdisciplinary Studies, NUDT and works on metamaterials, metadevices and graphene optoelectronics.

Please contribute your submission via <https://mts-lsa.nature.com/> and indicate that this submission is for Special Issue on the 70th Anniversary of National University of Defense Technology in the cover letter. Contact LSA Editorial Office by light_lsa@ciomp.ac.cn.