

西北工业大学物理科学与技术学院

Dear Prof. Nikolai Nikolaevich Sysoev,

I am the Deputy Dean of School of Physical Science and Technology, at Northwestern Polytechnical University (NPU). As we know the Lomonosov Moscow State University is the best university in Russia. The Faculty of Physics at Moscow State University employs talented teachers who provide high quality education and research. Over the years, the Faculty of Physics at Moscow State University has trained many renowned scientists and achieved internationally significant research results. We hope to establish an internationalization cooperation of higher education with you. Please let us introduce ourselves:

Founded in 1938, NPU is a multidisciplinary and open research institution in China, located in the ancient capital of Xi'an. NPU is one of the best engineering universities in China, and is one of the universities of the "100 Chinese Universities of the 21st Century" project and the "985" project.

The predecessor of the School of Physical Science and Technology of NPU was the Department of Applied Physics established in 1987. In 2003, the Department of Applied Physics, Department of Applied Mathematics, and Department of Chemical Engineering merged into the School of Natural and Applied Science. In November 2019, the School of Physical Science and Technology was formally established.

Our Faculty has a national rating. Currently, our faculty focuses on the international frontiers of physics and its relevant application areas, and conducts researches around materials physics and chemistry, condensed matter physics, optical engineering and the related fields, and strives to create a strong discipline group with distinctive

characteristics and international influence. The college has 3 undergraduate majors: materials physics, applied physics, and optoelectronic information science and engineering; 6 master programs: Condensed Matter Physics, Optics, Materials Physics and Chemistry, Optical Engineering, Materials and Chemical Engineering, Electronic Information; 5 doctoral programs: Condensed Matter Physics, Optics, Material Physics and Chemistry, Optical Engineering, Materials and Chemicals.

The undergraduate major of materials physics was approved as a national "first-class undergraduate major" construction point, and the undergraduate major of applied physics and optoelectronic information science and engineering was approved as a "first-rate undergraduate major" construction point in Shaanxi Province. Material physics and chemistry are national "first-class" construction disciplines and national key disciplines, and optical engineering is a key construction discipline of Shaanxi Province. **Physics has entered the top 1% of Essential Science Indicators(ESI) global subject rankings.**

The faculty has state of the art research center: MOE Key Laboratory of Material Physics and Chemistry under Extraordinary Conditions, Shaanxi Province Key Laboratory of Space Materials Science and Technology, Shaanxi Province Key Laboratory of Condensed Matter Structure and Properties, and Shaanxi Province Key Laboratory of Optical Information Technology. The research platform and the Shaanxi Provincial Physics Experimental Teaching Demonstration Center provide the possibility for the cultivation of students' innovative practical ability.

The School of Physical Science and Technology has 99 faculty members, including 33 professors and researchers, 41 associate professors, associate researchers and senior

engineers, including 2 academicians of the Chinese Academy of Sciences. Many teachers are highly-cited researchers and world-renowned scholars in their expertise fields.

The college currently has about 800 students, of which more than 50% are masters and doctors, and the student employment rate has remained above 90% for a long time. Student party building and ideological and political work have always been at the forefront of the colleges. The college thoroughly implements the education concept of value shaping, knowledge transfer, and ability training, and strives to cultivate leading talents who have a strong sense of patriotism, pursue excellence, and lead the future. In recent years, the college has continuously deepened teaching research and teaching reform, and has successively won 1 National Teaching Achievement Award, 4 Shaanxi Provincial Teaching Achievement Awards. The courses of "University Physics", "University Physics Experiment" and "Optics" were rated as excellent courses in Shaanxi Province, and the teaching team of "University Physics" and applied physics was rated as the excellent teaching team in Shaanxi Province. In 2020, the first batch of "Strong Foundation Program" physics talent training qualifications is approved.

Over the years, nearly 3,500 students graduated from our college and have become the backbone of the national science and technology, economy, industry, and party, government, and military fields. Our outstanding students can be listed here: Professor Wang Xiaoli, Executive Deputy Secretary of the Party Committee of Xi'an Jiaotong University, winner of the National Outstanding Youth Fund and Liu Yunquan of Peking University have emerged, Professor Gao Ziwei, vice president of Shaanxi

Normal University, etc.

Facing the future, our college will focus on elite education and first-class research, continue to strengthen the construction of high-level faculty, improve the level of scientific research, give full play to the leading and supporting role of superior engineering, strive to build a high-level research-oriented international college and try to make greater contributions in building an internationally renowned high-level research of Northwestern Polytechnical University. We are looking forward to cooperating and signing an agreement with the Faculty of Physics at Moscow State University.

Yours sincerely,



Wei Zhai,

Deputy Dean of School of Physical Science and Technology

Northwestern Polytechnical University

Xi'an Shaanxi 710072