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Undergraduates of Electronic Information Engineering (English Intensified) Attended International Workshop on Information and Communication Technology

From: Faculty of Electronic Information and Electrical Engineering

The 17th China-Japan-South Korea International Workshop on Emerging Information and Communication Technology was successfully held online from November 2 to 3. The workshop is an annual meeting with an aim of strengthening exchanges on information and communication among students and teachers of Dalian University of Technology (DUT), Tohoku University (TU) and Yeungnam University (YU).

Prof. Wang Hongyu and Associate Prof. Gong Xiaofeng of School of Information and Communication Engineering (SICE) served as the co-chair of the workshop and the co-chair of the program committee respectively. Prof. Ito Akinori of TU, Prof. Kim Young-Tak of YU, and Associate Prof. Li Hui of SICE, DUT gave keynote speeches at the workshop. Undergraduate representatives of Classes 2022 and 2023 of Electronic Information Engineering (English Intensified) (EIE (EI)) attended the workshop and presented their research work on multiple cutting-edge subjects of information and communication, such as image processing system based on RISC-V ISA, an UAV Navigation System Aided with Computer Vision, intelligent table tennis ball shooter, DOA estimation, simulation of image formation pipeline, pattern reconfigurable antenna based on Yagi antenna, ICA-Based convolutive blind source separa-

tion and its application to audio source separation, and cognitive radio. They had heated discussion with scholars from the three countries.

The event is an important move to the reform of the fusion of expertise and entrepreneurship in international module course of EIE (EI), aiming to deeply fuse real international workshop discussion practice with corresponding courses. Taking academic presentation at international conferences as an evaluation indicator and strengthening undergraduates' international communication skills in the field of electronic information through small bilingual teaching class and practical project guidance of several senior teachers are expanding their international horizons.

EIE (EI) is always committed to cultivating undergraduate talents with solid professional knowledge and wide international horizons in electronic information. In recent years, it has created course groups for EIE internationalization in order to keep enhancing their international communication skills in the field of EIE. In the future, it will continue to innovate the talent cultivation mode by enriching the international module setting and strengthening the bilingual teaching so as to build a platform for students to show on the global stage.



DUT Professor is the Only Winner of International Award for Outstanding Young Chemical Engineer

From: School of Chemical Engineering

Recently, the award ceremony of the International Award for Outstanding Young Chemical Engineer (IAOYCE) jointly set by the Chemical Industry and Engineering Society of China (CIESC) and Global Academy of Chinese Chemical Engineers (GACCE) was held at the 12th Global Chinese Chemical Engineers Symposium in Nanjing. The winner of this year is Jiang Xiaobin, a professor of School of Chemical Engineering, DUT.



Jiang Xiaobin, as the winner, gave a report at the closing ceremony.

Prof. Jiang Xiaobin's main research focuses are membrane crystallization, coupling and intensification of separation processes, and new membrane materials and equipment. More than 70 papers of his innovative research results have been published in the important journals in the field of chemical and membrane science, *AIChE J.*, *Chem. Eng. Sci.*, *J. Membrane Sci.*; 28/13 Chinese patents for invention have been applied/authorized, and 4/2 international patents have been applied/authorized, among which many technologies have come into use. He has been invited to report 11 times at Global Chinese Chemical Engineers Forum, AIChE Annual Meeting, CIESC Annual Meeting, Chinese Society of Particuology Annual Meeting, etc.

He has written books such as *Coupling and Intensification of Separation Processes*, and *Membrane Technology Handbook*, and has served since 2017 as the chairman of the session on separation and crystallization of membrane at AIChE Annual Conference. That is one of the few sessions of AIChE Annual Conference chaired by a scholar from a country beyond North America, which actively pushes forward interdisciplinary innovation.

In 2019 and 2020, recommended by CIESC, he has successively gained support from China Association for Science and Technology sponsoring young scientists joining international organizations and related activities. He has been granted Young Changjiang Scholar Award given by the Ministry of Education, Hou Debang Chemical Science and Technology Award for Young Scientist, Outstanding Contribution to Science and Technology Award for Young Scientist issued by China Petroleum and Chemical Industry Association, Outstanding Scientific and Technological Workers in National Petroleum and Chemical Industry, and "Liaoning Province Revitalization" Outstanding Young Talent. As core participant, he has won 1 Second Prize of National Science and Technology Progress Award, 1 Special Gold Award of International Invention Exhibition and 3 awards at provincial level.

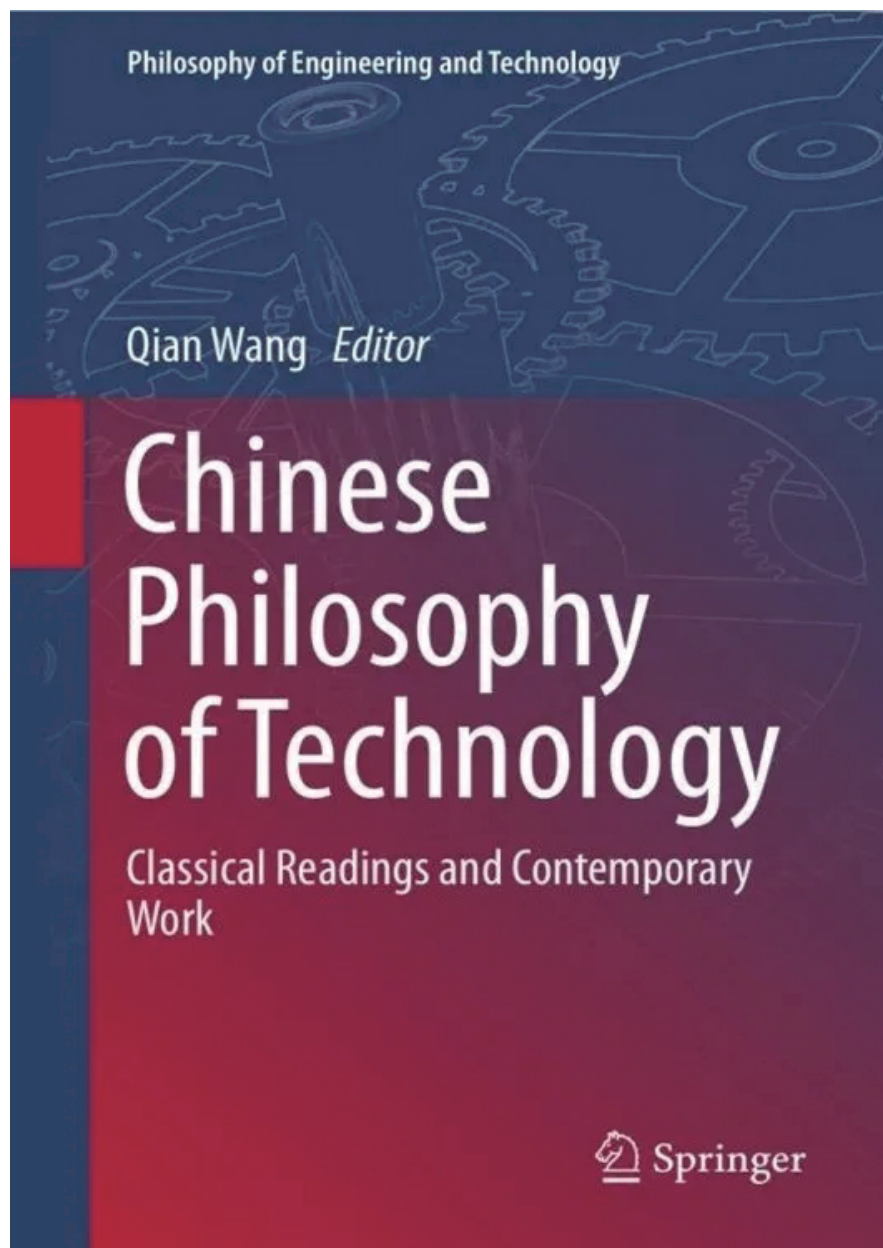


The International Award for Outstanding Young Chemical Engineer is established, selected and delivered jointly by CIECS and GACCE. It is an international award aiming to encourage young chemical engineers to devote themselves to the chemical industry, to enhance innovation and application capabilities, to promote the learning and exchanges of chemical engineers at home and abroad, and to strengthen the selection and cultivation of talent reserve for international organizations. It is for young engineers all over the world who have made outstanding contribution to scientific research and innovation, and international exchanges and cooperation in chemical industry. The prize is awarded once a year, and the two prize-awarding institutes jointly presented award certificates to the winner.



The English Book Edited by Prof. Wang Qian is Published Worldwide

From: Faculty of Humanities and Social Sciences



Recently, *Chinese Philosophy of Technology: Classical Readings and Contemporary Work*, an English book edited by Wang Qian, a professor of Department of Philosophy, DUT, was published worldwide by Springer. Springer is one of the most influential science and technology publishing houses in the world. The book series of *Philosophy of Engineering and Technology* (editor-in-chief: Pieter Vermaas) published by Springer provides the multifaceted and rapidly growing discipline of philosophy of technology with a central overarching and integrative platform. *Chinese Philosophy of Technology: Classical Readings and Contemporary Work* is the first book in the series that systematically introduces research achievements of

philosophy of technology with Chinese characteristics. Previous research achievements of philosophy of technology are mostly based on research prospective of Western academia. However, this book has laid a solid foundation for building a discipline system, an academic system and a discourse system with Chinese characteristics in philosophy of technology.

The book is characterized by being foreign-reader-oriented in the background of the international development of philosophy of technology and reflecting the unique perspectives, methods and concepts of Chinese scholars. The book consists of three parts: Introduction, Classical Readings and Contemporary Work. It presents an overall picture of the academic development in Chinese philosophy of technology. Using Chinese discourse and reflecting Chinese characteristics in international academic exchanges help international academia to know the research progress of Chinese philosophy of technology and are of great significance for the development and communication of Chinese philosophy of technology.

Philosophy of science and technology, especially ethics of science and technology, is the outstanding research focus of DUT's humanities and social sciences. The university has Liaoning Province Key Research Base of Humanities and Social Sciences --- Centre of Science and Technology Ethics and Management and Centre of Ethics, Law and Society of Big Data and Artificial Intelligence. At present, DUT has established long-term stable relationship with universities in America, the Netherlands, Germany, Japan, South Korea, etc. The book represents DUT's achievements in the internationalization of its research in philosophy of science and technology, especially ethics.

For details of the book, please visit :

<https://www.springer.com/gp/book/9789811519512#>





The First SSC Conference of DLI in Year 2020-2021 Was Successfully Held

From: Leicester International Institute

Recently, Leicester International Institute (DLI) held the first Student-Staff Committee (SSC) conference of the current school year, attended by 46 students and faculty members. Sarah Davies, the Pro-Vice Chancellor and Head of the College of Science and Engineering of University of Leicester (UoL), Prof. Pan Jingzhe, the Dean of DLI British side, Prof. Zhan Jingjing, the Dean of DLI Chinese side, and Prof. Tan Zhenquan, Associate Dean of DLI Chinese side attended the conference, both online and offline.

Through the Zoom Video Conference, Prof. Sarah Davies expressed high expectation and recognition to the SSC conference. She said that SSC conference has been a traditional and formal communication mechanism between students and faculty at UoL, through which the Institute will discuss and give feedback on students' problems and suggestions, in order to improve the teaching and management standards, and enhance the students' learning experiences.



The conference discussed the issues raised by the student groups from three majors and four grades, covering the teaching mode, course content, examination form, network support, teaching feedback and administrative support, etc. The participating teachers gave comprehensive and detailed answers and proposed solutions, and will continue to follow up and implement effective recommendations after the conference. Then, the conference continued with the faculty topics. Faculty members gave feedback on students' learning conditions and outcomes so far, as well as the guiding suggestions.

In the end, Prof. Zhan Jingjing set high expectations for all students. He said that every student should have a clear goal, learn to have forethought, have the sense of crisis, and prepare in advance. He also pointed out that when DLI students encounter learning difficulties, they should face them and try their best to solve them, and make more efforts to adapt to the international teaching mode and assessment standards, so as to become competitive college students.

Since the establishment of SSC, the conference has become an important vehicle for DLI students to express their demands, strengthen the linkage between students and teachers, and make suggestions for the development and construction of the Institute.