



Worldwide Energy University Network

Quarterly Report (I-III)
(September 2018 to June 2019)



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WEUN Secretariat

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General Facts about WEUN

Overview

Worldwide Energy University Network (hereafter referred to as WEUN) is a non-legally binding voluntary membership organization of research universities, brought together by a shared strategic interest in research, innovation, education and internationalization in the field of energy. WEUN was established at a conference on the 22nd September 2018 in Beijing initiated by its founder China University of Petroleum-Beijing (CUPB), through the representatives of its first cohort of 28 founding member universities.

The name of the network in Chinese is: *世界能源大学联盟*

The name of the network in English is: *Worldwide Energy University Network (WEUN)*

Activities of WEUN are conducted within the range of this Constitution, and in accordance with all applicable international laws, and the laws and regulations of the countries where each WEUN member operates.

WEUN is chaired by a chairing member university for a 4-year renewable term on a rotation basis. The current chairing institution is CUPB, and the locations of the WEUN Secretariat is in China University of Petroleum-Beijing, located in No. 18 Fuxue Road, Changping District, Beijing, China, 102249.

Primary Purpose

To create a worldwide platform for communication and collaboration among and between the WEUN member universities in research, innovation and education in the field of energy.

Main Objectives

To build a platform for the exchange of educational information, best practices and academic resources on energy-related issues.

To leverage access to expertise and facilities and collaborate on basic and applied research in the field of energy, and to setup joint labs or centers as interests grow.

To support energy-related international cooperation in joint degree education, student and faculty exchange, summer courses or schools, and training programs.

To help member universities within the countries of member universities to improve their visibility and recognition and enhance their prestige in those countries.

To organize academic conferences or seminars to address challenges facing the energy world and energy education.

WEUN Member

科廷大学
Curtin University



阿塞拜疆国立石油与工业大学
Azerbaijan State Oil and Industry University



巴库石油学院
Baku Higher Oil School



里约热内卢联邦大学
Federal University of Rio De Janeiro



阿尔伯塔大学
University of Alberta



卡尔加里大学
University of Calgary



中国矿业大学
China University of Mining and Technology



中国石油大学（北京）
China University of Petroleum-Beijing



中国石油大学（华东）
China University of Petroleum (East China)



Note: Listed alphabetically by country and university name.

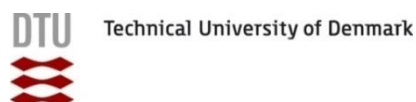
华北电力大学
North China Electric Power University



厦门大学
Xiamen University



丹麦科技大学
Technical University of Denmark



拉萨尔理工大学
UniLaSalle



罗斯托克大学
University of Rostock



哈英理工大学
Kazakh-British Technical University



马来西亚国油大学
Universiti Teknologi Petronas



古勃金国立石油与天然气大学
Gubkin Russian State University of Oil and Gas



南乌拉尔国立大学
South Ural State University



乌法石油技术大学
Ufa State Petroleum Technological University



Note: Listed alphabetically by country and university name.

土库曼斯坦国际石油与天然气大学
International University of Oil and Gas of Turkmenistan



哈利法大学
Khalifa University



阿伯丁大学
University of Aberdeen



伯明翰大学
University of Birmingham



邓迪大学
University of Dundee



赫瑞瓦特大学
Heriot-Watt University



阿拉斯加大学费尔班克斯分校
University of Alaska, Fairbanks



犹他大学
University of Utah



河内矿业与地质大学
Hanoi University of Mining and Geology



Note: Listed alphabetically by country and university name.

Part 1 WEUN Major Events

【Worldwide Energy University Network Founded in China University of Petroleum-Beijing】

The Worldwide Energy University Network (WEUN), a voluntary global organization of energy universities initiated by China University of Petroleum-Beijing (CUPB), declared its establishment on September 22th, 2018. 28 energy universities from 16 countries, including China, USA, UK, Canada, Germany, France, Denmark, Brazil, Australia, Russia, Kazakhstan, Azerbaijan, Turkmenistan, UAE, Vietnam and Malaysia signed the Declaration of Worldwide Energy University Network.

Under the background of globalization, CUPB initiated to establish WEUN in March, 2018, to create a global education community in energy field, promote the communication and cooperation between universities from different countries and regions focusing on oil and gas, and serve economic growth and social progress. It proposed to share resources and achieve multilateral benefit within WEUN to collaboratively enhance the development of researches and talent cultivation in energy field. WEUN would contribute to the construction of “community of shared future” by promoting the exchanges in academic, economic and cultural aspects.

CUPB, a research university with distinctive characteristic in petroleum, firmly implements international strategy under which the cooperation scale has been constantly expended in recent years. The multi-level, multi-field and multi-channel exchanges and cooperative relations have been established with more than 170 universities and enterprises from developed countries such as the USA, France, UK, Canada and Japan. As a result, its expansion of international influence has laid a solid foundation for the establishment of WEUN.

On the first plenary session of WEUN, the members discussed the Constitution of WEUN and voted the units of Executive Committee, headquarters setting, logo proposal and other issues. Subsequently, the nameplate of WEUN was unveiled by Shan Honghong, the Chancellor of CUPB, Zhang Laibin, the President of CUPB, Martynov

Victor, the Rector of Gubkin Russian State University of Oil and Gas and Matthias Ruth, the Vice-president of University of Alberta together.

As a non-legally binding voluntary global network of energy universities, WEUN will promote the communication and systematical cooperation of scientific research, education, talent cultivation and social activities between the members under the trend of global energy development. It will conduct more concrete collaboration for students and teachers such as student training, resource sharing, academic exchanges, scientific research, teacher-student exchanges and platforms building and help the members to produce high-grade talents for energy industry and improve the international competence.



【Establishment Ceremony of Worldwide Energy University Network & University Presidents Forum Held in CUPB】

On the afternoon of September 22, the establishment ceremony of Worldwide Energy University Network & University Presidents Forum was held in China University of Petroleum-Beijing.



Xu Tao, Director of Department of International Cooperation and Exchange, Ministry of Education, Huang Kan, Deputy Director of Beijing Education Committee, Sun Xiansheng, Secretary General of International Energy Forum (IEF), Kunba Mundai, Ambassador of the Republic of South Sudan to China, Wang Fengdan, Chairman of IET Education Foundation, and representatives of 28 member universities and energy industries attended the conference. About 700 participants were represented by all the leaders, some teachers and students of China University of Petroleum-Beijing, and the founding meeting was presided over by Li Gensheng, the Vice President.

Xu Tao congratulated the establishment of the Worldwide Energy University Network. He said that China University of Petroleum -Beijing has responded positively in recent years to serve our nation's "Belt and Road Initiative", expanding the scope of international exchange and cooperation, and continuously enhancing its international influence and taking the lead in worldwide energy universities. The Worldwide Energy University Network initiated by China University of Petroleum -Beijing is an

embodiment of China's active dialogue with the world, contribution of China's wisdom and sharing of China's plans. It is also a vivid epitome of China's higher education actively integrating into the world at a higher level, a greater pattern and a deeper level. It will further promote different types of energy universities in different countries to develop characteristics, complement shortcomings and coordinate development, which will be of great significance for promoting the development of energy industry and solving energy challenges facing mankind. He hoped that the Worldwide Energy University Network would overall plan, broaden the scope of cooperation modes, take a long-term perspective and deepen the depth of research and development, attach importance to humanities and enhance the cooperation among alliance members, form a vivid situation of resource sharing and exchange of each other's needs, and respond to the needs of current economy and society for energy development, reserve and protection. He also hoped this alliance would prepare, think and solve energy crisis and supply challenges that human society may encounter in the long run, put forward mutual visits and mutual learning, and write a new era cooperation chapter with humanistic concern.

Huang Kan fully affirmed CUPB's efforts on the establishment of the Worldwide Energy University Network and expressed his great expectations on this alliance. He said that high-level cooperation among world-class universities is an important part of the opening-up of national education. He hoped that the alliance members would take this opportunity to deepen all-round and multi-level international cooperation among themselves, expand communications on educational exchange, research cooperation and talent training, further strengthen the strategic consensus of win-win cooperation, and help contribute to the economic and social development of Beijing.

Sun Xiansheng pointed out that the alliance of world-class energy universities through this network will help build up a cooperation platform of scientific research and higher education exchange, which will have great significance in promoting the exchange of teachers and students among universities, cultivating high-level and internationalized multi-disciplinary talents, and advancing the research innovation and industry development in the energy field.

During the General Assembly this morning, CUPB was elected as the Chair of the

General Assembly for the first term. On behalf of the university, Shan Honghong, Chancellor of CUPB, expressed gratitude to the alliance, and warmly welcomed all the attendees. She pointed out that, CUPB has persisted in implementing its internationalization strategy for many years, and has established multi-level, multi-field and multi-channel communication and cooperation relations with more than 170 universities and companies abroad. All the member universities of the alliance have solid cooperation foundation and good cooperation relationship with CUPB. The establishment of this alliance is not only the fruit of past cooperation between us, but also the beginning of deepening cooperation between member universities in the future. She expressed her hope of this alliance to act in line with the concept of “mutual-communication, openness and inclusiveness, synergetic innovation and win-win cooperation”, to achieve the “consultation, co-construction and sharing” among alliance members, and to have more substantive cooperation in discipline construction, joint scientific research, student training, teacher visits, cultural exchanges and other aspects, so as to build a global higher education community with a shared future in the field of energy.

Alliance member representatives, Matthias Ruth, Vice-President of University of Alberta, and Martynov Victor, President of Russian State Gubkin Oil and Gas University, also gave a speech respectively to congratulate on the formal establishment of the Worldwide Energy University Network.

At the establishment ceremony, representatives of all member universities of the Worldwide Energy University Network jointly launched the button to declare the formal initiation of this alliance.



After the launching ceremony, Zhang Laibin, President of CUPB, read out the Alliance Declaration, made a report named as “Work Hand in Hand to Build a World Community of Higher Education in the Field of Energy” on behalf of other alliance members and illustrated the reason, content and future of the establishment of the alliance. He pointed out that alliance members should grasp the new opportunity provided by international consensus of the "Belt and Road Initiative" in the new era for the greater opening, communication and integration of higher education in the field of energy, work together with joint hands to cope with the new problems and challenges facing the world energy system. He emphasized that the alliance would actively build a closer and stronger partnership network, pool strength and seek common development, promote the connotative development and quality improvement of member universities through substantive cooperation of various forms and rich contents, promote cooperative running of schools and joint training of students, carry out joint scientific research, and continuously and systematically promote mutual recognition and sharing of credits among member universities, and increase the number of students receiving from and exporting to other. Looking forward to the future, Zhang Laibin pointed out that all

member universities will work together to promote the systematic cooperation of energy universities under the trend of global energy development, realize resource sharing, mutual benefit within the alliance, and promote scientific research and talent training in the energy industry in a coordinated manner, so as to promote academic exchanges and humanistic exchanges, and promote people-to-people communication, so as to build the alliance into a multi-disciplinary platform for worldwide energy universities of sustainable cooperation, human resource exportation, scientific research cooperation, industry-university-research cooperation and common aspiration of the people.

The University Presidents Forum was held afterwards, representatives from member universities made keynote reports on the theme of "Prospects for Higher Education Development in Oil and Gas Field" and other energy-related topics.

【Establishment and first working meeting of WEUN Secretariat】

On April 8th, 2019, the Secretariat of the Worldwide Energy University Network was formally established and held its first working meeting. Sun Xudong, Secretary General, Yao Jun, Deputy Secretary-General and other secretariat staff attended the meeting. The meeting mainly discussed the seventh round of modification of "Constitution of the Worldwide Energy University Network" and the work plan for the year of 2019.

According to the feedback of the "Constitution of the Worldwide Energy University Network" from member universities, Sun Xudong put forward constructive suggestions on the governance structure, work tasks, membership policy, establishment of management institutions and funds. Attendees focused on in-depth discussions on detailed modifications to the constitution. Finally, the meeting discussed the work plan of the WEUN Secretariat in 2019, and put all the work into practice to ensure that the work would be carried out in order.

Since the establishment of the Worldwide Energy University Network, all the work has been carried out in an orderly and gradual manner. With the preliminary completion of the website, the operation of the Worldwide Energy University Network is on the right track and entering a rapid development stage, which will strongly promote the construction of the international level of CUPB.



【WEUN LOGO Officially Published】



On April 23, 2019, the logo of the Worldwide Energy University Network was officially published.

The main body of the logo is round in appearance. The full name is arranged in a semi-circular way, which symbolizes the global network of energy universities. The central design is comprised of 8 U-letters, which represents both universities and the meaning of united. The pattern uses eight different colors to represent the coexistence of multiple energy sources in the world. Eight U-letters are linked together to indicate the close cooperation between member universities. The word U is outward, indicating the nature of an open alliance. The pattern takes green as the main tone, indicating the trend of energy development towards green.

The design proposal of WEUN LOGO has been solicited since September last year from various aspects. The designer of the finalized logo is Ms. Xia Dongmei, from Karamay Campus, China University of Petroleum (Beijing).

【WEUN Official Website Launched】

After half a year's preparation, the official website of WEUN was officially launched on May 30, 2019. The official website can be directly accessed via CUPB's homepage. The website is divided into Chinese and English versions, of which the Chinese version is linked to <http://cup.edu.cn/weun/>; the English version is linked to <http://www.cup.edu.cn/weun/english/>. The main body of the website has seven modules, and the content is constantly updated and improved.

Part 2 University Visit

【Representatives from WEUN Member – University of Dundee Visited the School of Foreign Languages of CUPB】

On the morning of September 26, 2018, the delegation of University of Dundee led by Peter McEleavy, the Deputy Dean of School of Social Sciences visited the School of Foreign Languages of CUPB to seek for international cooperation projects. Zhao Xiufeng, the Dean of the School and other faculties welcome their arrival.

During the meeting, the two sides introduced the basic situation of their Schools, discussed on “4+1” and “1+1” student programs and exchanges details on the professional direction, term arrangement and tuition fees.



【Vice President of WEUN Member - University of Dundee Visited CUPB】

The delegation of University of Dundee led by Wendy Alexander, the Vice President of the university visited China University of Petroleum-Beijing on October 23, 2018. Li Gensheng, the Vice-President and other representatives from colleges and departments attended the meeting.

Li Gensheng warmly welcomed Wendy Alexander and his delegation. The two sides introduced the basic situation of their universities and expressed their willingness to carry out in-depth exchange on the platform of the Worldwide Energy University Network, and to strengthen cooperation in talent training, academic exchanges and scientific research. The two sides agreed to promote the implementation of the joint postgraduate training program as soon as possible, as well as the joint training project of undergraduate and doctoral students between the two universities, so as to cultivate more international talents.

At the meeting, the two sides exchanged ideas extensively in many aspects and reached a consensus on the establishment of program management committees and agreed to implement the joint postgraduate training plan as soon as possible.



【CUPB President Visited Three Universities in Northern Europe】

In October 2018, the delegation led by Zhang Laibin, the President of China University of Petroleum-Beijing (CUPB), visited the Technical University of Denmark (DTU), Norwegian University of Science and Technology (NTNU) and University of Stavanger (UIS). On behalf of CUPB, Zhang Laibin signed memorandums of cooperation with these universities. The head of the Institute of Marine Engineering and International Office of CUPB accompanied the visit.

Founded in 1829, DTU is famous as one of the world's oldest universities of science and technology. Adhering to the concept of Academic creation and industrial integration, it is the main institution for cultivating senior engineers and technicians. The two universities had a long-term cooperation basis, and signed two memorandums of cooperation in 2013 and 2016. They discussed the cooperation between the two universities in scientific research cooperation, student exchanges, teacher exchanges, short-term lectures, summer schools, etc. and conducted in-depth discussions on issues like establishing the "Worldwide Energy University Network" platform.

NTNU is a prestigious science and engineering university with a high reputation in Europe. It has cultivated a large number of highly qualified engineers for Norway and the world, and it is a global leader in shipbuilding, petroleum, fishery, medicine, computer technology and nanotechnology. The two universities signed a memorandum of cooperation and the delegation visited the State Key Laboratory of Marine Technology of NTNU, and conducted in-depth discussions in scientific research with Prof. Torgeir Moan, a scholar in marine engineering with high reputation in the world, and an academican of the three Academies (Royal Norwegian Academy of Sciences, Royal Academy of Engineering and Royal Norwegian Academy of Science and Literature) and they reached a number of cooperation intentions.

UIS is one of the famous public universities in Norway and it has the leadership in petroleum engineering and marine engineering research. The delegation conducted in-depth discussions on petroleum engineering and ocean engineering issues, which are issues of common concern of the two universities, with the representatives of UIS. The

two universities signed a memorandum of cooperation and discussed the research cooperation in the field of offshore oil.

Eldor is a world-renowned company that specializes in offshore oil safety production systems. Its business scope includes industrial system lifetime extension, control digitization, and alarm-management companies. The two sides discussed about the engineering technology and artificial intelligence, as well as the cooperation prospects in student internship, staff training and scientific research cooperation.



During the visit of Denmark and Norway, Zhang Laibin visited alumni representatives, encouraged them to make unremitting efforts to their career and hoped them to return to Alma Mater.

During the visit, the delegation accessed to more opportunities of inter-university cooperation and university-enterprise cooperation. This visit expanded the potential of student cultivation, academic exchanges and cooperation in energy disciplines and international project cooperation with the "Worldwide Energy University Network" platform, which lay a good foundation for the strengthening of the high-end cooperation between China University of Petroleum and the Universities of Energy and the Nordic countries.

【CUPB Vice-President Visited Canadian Universities】

In November 2018, by the invitation of the University of Waterloo, the University of Calgary and the University of Alberta, Vice-President Li Gensheng of China University of Petroleum-Beijing and his delegation visited these universities. During the visit, CUPB signed cooperation agreements with them, discussed joint training of double master degree, scientific research cooperation and joint laboratory construction, the progress of the Worldwide Energy University Network, and reached many new intentions for expanding cooperation projects and fields. Heads of Graduate School and International Office accompanied VP's visiting.

At the University of Waterloo, the two sides discussed the Worldwide Energy University Network, summer school and artificial intelligence, and signed a renewal agreement of the memorandum of cooperation between the two universities.

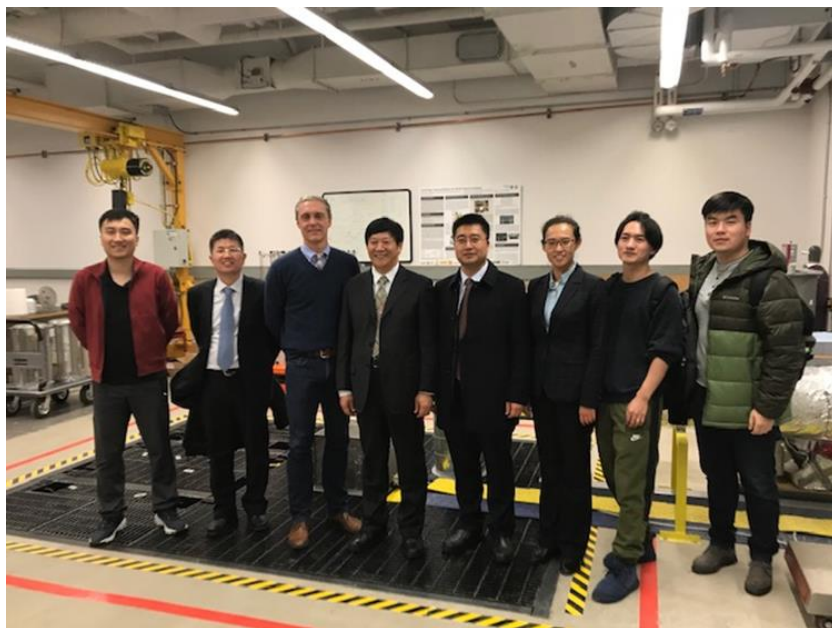


At the University of Calgary, the two sides elaborated the progress of the Worldwide Energy University Network, developing concrete cooperation under that, and jointly conducted bilateral talks. Master's program, student exchanges and other aspects of this

project were discussed.



At the University of Alberta, Li Gensheng and his team held talks with Matthias Ruth, vice president who is in charge of scientific research, Huang Cen, associate vice president of scientific research and graduate school, Anne Naeth, vice president of the Institute of Technology, Ying Tsui, and Li Huazhou, associate professors of the Institute of Technology. The two sides discussed the constitution of the Worldwide Energy University Network and the future energy system project.



【WEUN Member - Universiti Teknologi Petronas Visited CUPB】

A delegation of Universiti Teknologi Petronas led by Prof. Tang Tong Boon visited China University of Petroleum-Beijing on January 9th and 10th 2019. Heads of different colleges and departments were present, and Abdul Aziz How Abdullah, Education Counselor of the Malaysian Embassy in China was invited to attend the meeting.

The two sides introduced their universities, colleges they worked in, the overall situation of scientific researches, recalled the cooperation history between the two universities, and discussed academic issues. During the two-day's visit, the two sides achieved cooperation intention in building a joint research center, starting short-term courses, double degree programs and joint cultivation of postgraduate. The delegation visited the Beijing key lab of Greenhouse gas storage and oil exploitation.



【WEUN Member - Khalifa University Visited CUPB】

On March 4, 2019, Associate Prof. Zhou Bing of Geoscience Department at Khalifa University and Mr. Abdulla AI Hanibi of Student Recruitment and Administration Office at Khalifa University, United Arab Emirates, visited CUPB.

The delegation of the UAE had a meeting with CUPB. Zhan Yali (Vice Dean of Graduate School), Lu Shang (Vice Director of International Department), and the heads of relevant colleges and departments participated in this meeting. Lu Shang warmly welcomed the delegation's visit. He expressed the hope that the meeting would further promote the cooperation between the two universities in postgraduate projects. Zhou Bing also said that one of the main goals of the visiting was to further deepen the cooperation between the two sides in postgraduate projects and scientific research. At the meeting, the representatives of the two sides first briefly introduced the history, teaching and scientific research development of their respective universities. Subsequently, the representative of Khalifa University introduced the master program, related scholarship, teaching and research opportunities in detail. Participants discussed and exchanged ideas among postgraduate, doctoral and undergraduate exchange students. Finally, the two sides reached consensus on sending students, promoting exchanges and cooperation between teachers and students.

After the meeting, Associate Professor Zhou Bin and Mr. Abdulla AI Hanibi gave a presentation to CUPB students. They introduced the Khalifa University and answered the questions from students.



【Vice President of WEUN Member - Universiti Teknologi Petronas Visited CUPB】

On March 27, 2019, Mr. Shahir Liew, the Vice President of the Universiti Teknologi Petronas visited China University of Petroleum-Beijing. Li Yongfeng, the Director of the International Office, and other relevant personnel from the International Office and College of Safe and Off-shore Engineering attended the meeting.

Li Yongfeng welcomed Vice President's visit, reviewed the history of cooperation and looked forward to the future cooperation between the two sides. Shahir Liew said that the two universities were important partners for each other and there were many potential cooperation fields to exploit in the future. Then, the two sides held a discussion on the key areas of cooperation in the future, such as the Worldwide Energy University Network, organizing joint seminars, and building joint research centers. Finally, the two sides agreed on that the two universities would sign a memorandum of cooperation and an agreement of establishing a joint research center and conducting joint seminars. At the same time, the two sides agreed to raise the joint seminar and the joint research center to an important place in the activity plan of the World University Network (WEUN).



【Representatives of WEUN Member - University of Dundee Visited CUPB】

On March 28, 2019, Mr. Peter McEleavy, professor of the School of Social Sciences and Mr. Shawn Mu, professor of the School of Business from the University of Dundee visited the School of Economics and Management of CUPB. Yang Mianzhi and Zhang Qi, the Dean and Deputy Dean of the school, and Li Yongfeng, the Director of International Office attended the meeting.

Yang welcomed the arrival of the two professors. Zhang Qi reviewed the past cooperation between the two universities. Yang supported to start a double-master degree program and hoped to reach a consensus on the number of students, English scores and etc. Subsequently, the two sides warmly discussed on the key issues and reached an agreement of starting the program as soon as possible.



【CUPB Vice-President Visited Universities and Oil Enterprises in the United Arab Emirates and Saudi Arabia】

From April 25 to May 1, 2019, Vice President Li Gensheng visited Colleges and enterprises in the United Arab Emirates and Saudi Arabia, including Khalifa University of the United Arab Emirates, Abu Dhabi National Petroleum Corporation of the United Arab Emirates, CNPC International Middle East Company, Abu Dhabi Center of PetroChina Exploration Institute, King of Saudi Fahd University of Petroleum and Mining, Saudi Amy Company and Sinopec Middle East Research and Development Center. The visiting delegation is comprised of relevant persons from the Department of Science and Technology, the International office and the Institute of Artificial Intelligence.



In the United Arab Emirates, Li Gensheng and his delegation met with Dr. Arif Al Hammad, the president of the University of Halifah in the United Arab Emirates, Steve Griffiths, Vice-President of Scientific Research and Ahmed Al Shoaibi, Vice-President of Teaching. The two sides held talks on deepening cooperation under the framework of the Worldwide Energy University Network, and reached a consensus on building joint laboratories of artificial intelligence disciplines, jointly applying for the International Fund of Abu Dhabi National Petroleum Corporation, launching joint undergraduate internship and graduate training projects, and hosting summer schools

of the Worldwide Energy University Network. After the meeting, Li Gensheng and his delegation visited the ADNOC Innovation Center of the Institute of Petroleum, the Micro-nano Preparation Cleaning Room and the Electron Microscope Laboratory of Masdar College. They also visited CUPB alumni who are currently working and studying here. After that, they witnessed the establishment of the Abu Dhabi Branch of CUPB Middle East Alumni Association.

In Abu Dhabi National Petroleum Corporation (ranking No. 17 of the World Petroleum Corporation), Li Gensheng and his delegation met Khadija Al Daghar, Vice President of the Research and Technology Department of the company's Science and Technology Center, and visited the company's Tamama Research Center. The two sides discussed staff training, personnel training, production, education and research. The company said it would send exchange students to CUPB in the future.

Li Gensheng and his delegation also visited CNPC International Middle East Company and Abu Dhabi Center of CNPC Exploration Institute. The two sides agreed to actively implement CUPB's comprehensive strategic cooperation with CNPC and conduct overseas business cooperation in the fields of scientific research and personnel training.

In Saudi Arabia, Li Gensheng and his delegation held talks with Khaled S. Al-Sultan, President of King Fahd University of Petroleum and Mining, Nasser M. Al-Aqeeli, Vice-President of Scientific Research and Mesfer M. Al-Zahran, Vice-President of Teaching. The two sides introduced their respective development history, subject characteristics, teaching and scientific research and other basic situations. Li Gensheng introduced the operation of the Worldwide Energy University Network initiated by CUPB and welcomed King Fahd Oil and Mining University of Saudi Arabia to join the network. Subsequently, the two sides exchanged views and reached cooperation intentions around the joint training of postgraduates, teacher exchanges, scientific research cooperation and other related issues. A senior delegation from King Fahd University of Petroleum and Mining will pay a visit to CUPB this year to speed up cooperation between the two universities.

In the R&D Center of Saudi Arabian Amy Company (No. 1 in the ranking of World Petroleum Company), Li Gensheng met with Ashraf M. Al-Tahini, General Manager of

this center, and other representatives to discuss the cooperation agreement signed between the school and Saudi Aramco Company last year and the concrete implementation measures. At the invitation of Sinopec Middle East Research and Development Center, Li Gensheng and his delegation also participated in the "KFUPM-SINOPEC Innovative Technology in P.E. Workshop" (King Fahd University of Petroleum and Mining of Saudi Arabia-Sinopec International Symposium on New Technologies in Petroleum Engineering). Li Gensheng delivered a speech at the opening ceremony and awarded the speakers.

【President of WEUN Member - Azerbaijan State Oil and Industry University Visited CUPB】

On April 27, 2019, President Mustafa Babanli of the Azerbaijan State Oil and Industry University visited CUPB, accompanied by Nijat Mammadli, Director of the International Department of the Ministry of Education of Azerbaijan. CUPB President Zhang Laibin met with Mustafa Babandire and his delegation, accompanied by the relevant leaders of the Academy of Education, Graduate School, Science and Technology Department, International office and the College of International Education.



Zhang Laibin welcomed the delegation's visit, introduced CUPB's college setup, academic advantages, characteristics of the university and its internationalization, especially its participation in the construction of "The Belt and Road Initiative" educational action. He stressed that during the second "The Belt and Road Initiative" International Cooperation summit held in Beijing, both countries' Ministers of the Ministry of Education met with each other, which has positive significance for promoting the in-depth cooperation between Azerbaijan State Oil and Industry University and CUPB. In the future, both sides will continue to expand new areas of cooperation and explore new cooperation models. To promote the quality of personnel training, achieving win-win and common development.

Mustafa Babanli introduced the history and running situation of the Azerbaijan State Oil and Industry University. He expressed that the university attached great importance to the cooperative relationship with CUPB and looked forward to further cooperation between the two sides in the aspects of two-way exchanges between teachers and students, joint training of students and tackling key scientific research issues.

At the meeting, the two sides held in-depth discussions and reached a preliminary consensus on the exchange of students at public-funded and the Worldwide Energy University Network.

After the meeting, Mustafa Babanli and his delegation also visited the National Key Laboratory for Oil and Gas Resources and Exploration, the National Key Laboratory for Heavy Oil and the Apartment for Foreign Students.

Prior to this visit, Jeyhun Bayramov, minister of Azerbaijan Ministry of Education was invited to China to participate in the second Belt and Road Forum for International Cooperation and met with Chen Baosheng, minister of China Ministry of Education. Zhang Laibin and Mustafa Babanli also attended the meeting.

The Azerbaijan State Oil and Industry University is a member of the Worldwide Energy University Network initiated by CUPB. Located in Baku, capital of Abu, the university was founded in 1920. It has seven colleges including geological exploration, oil and gas development, chemical technology, petroleum mechanical engineering, electrical engineering, information technology and control, and economic management. It has more than 10,000 students, including 53 Chinese students.

【Vice President of WEUN Member - University of Alberta Visited CUPB】

On May 15, 2019, Dr. Cen Huang, Acting Vice-Dean and Associate Vice-President of the University of Alberta, Canada, visited CUPB. Sun Xudong, Secretary-General of the Worldwide Energy University Network, Li Yongfeng, Director of International Office, and relevant staff from International Office and Karamay Comprehensive Office attended this meeting.

Sun Xudong extended a warm welcome to Dr. Huang Cen for his visit. Since the establishment of the Worldwide Energy University Network in September, 2018, the University of Alberta has actively participated in the activities of the Network as a key member, providing valuable advice and suggestions for the formulation of the constitution and the construction of the Network.



On behalf of the secretariat, Sun Xudong thanked Dr. Huang Cen and the team of the University of Alberta for their contributions. Sun Xudong introduced to Dr. Huang Cen a series of activities since the establishment of the Secretariat of the Worldwide Energy University Network and the work arrangement of this year. Dr. Huang Cen expressed full recognition of the work of the Secretariat, shared the experience of the University of Alberta in the internationalization construction in recent years, and put forward valuable suggestions on the amendment of the constitution, the logo design and activities of the Worldwide Energy University Network. Subsequently, the two sides had an in-depth discussion on the construction of international laboratories WEUN

member universities, the annual meeting of the secretariat, the exchange and practice of students in member universities, and the co-sponsoring of academic conferences by the member universities.

【Representative of WEUN Member - Kazakh-British Technical University Visited WEUN Secretariat】

On 6 June 2019, Academician Saule Aidarova from Kazakh-British Technical University of Kazakhstan (KBTU), a member of Worldwide Energy University Network (WEUN), visited the WEUN Secretariat at China University of Petroleum-Beijing (CUPB). Yao Jun, Deputy Secretary-General, and WEUN Secretariat staff attended the meeting.

Yao Jun warmly welcomed Saule Aidarova and passed warm greetings from Sun Xudong (Secretary-General) to her. Yao introduced the activities of WEUN since its establishment and work arrangements for this year. Saule Aidarova expressed full affirmation to the work of WEUN Secretariat, and then shared the experience of cooperation between KBTU and Kazakhstan oil industry in recent years and international student activities.

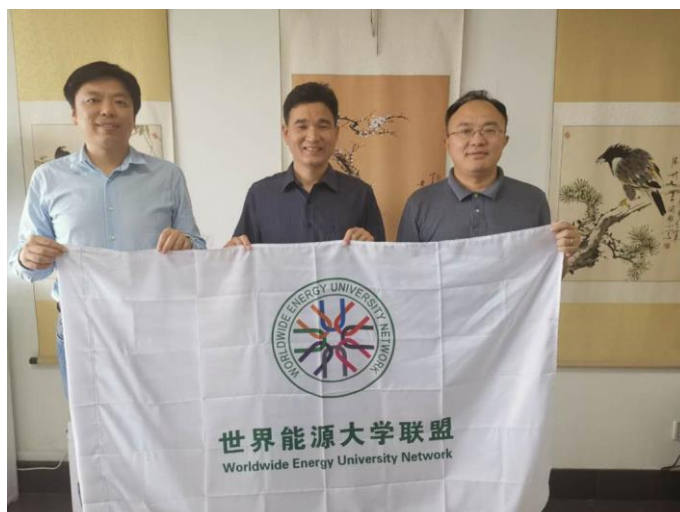
After that, the two sides had an in-depth exchange of views on how to exchange students to each other, establishment of joint research laboratories, and exchange of visits by university leaders and joint development of student educational and cultural activities under the framework of WEUN.



【Deputy Secretary-General of WEUN Visited WEUN Member - China University of Petroleum (East China)】

On June 13, 2019, Yao Jun, Deputy Secretary-General of the Worldwide Energy University Network (WEUN), visited China University of Petroleum (East China) (UPC), a member of WEUN. Huang Fang, Director of the International Department of UPC, and Zhao Chunlu, Vice-Director of the International Department of UPC, attended the meeting.

Yao Jun firstly conveyed the thanks from Sun Xudong, the Secretary-General of WEUN, to UPC for its active support for WEUN work, and introduced the work activities of the WEUN Secretariat since its establishment and the work schedule in 2019. Huang Fang recalled his deep impression when he attended the founding ceremony of WEUN last year with UPC President Hao Fang. He fully affirmed the work of the WEUN secretariat, especially the newly revised constitution, the establishment of the leadership structure and the rotation system of the chairman of the WEUN. Later, Huang Fang introduced the successful experience of UPC in undergraduate study abroad and international student training. The two sides have made extensive and in-depth cooperation on how to conduct international academic forums, subject competitions and summer schools within the framework of WEUN, highlighting their common advantages in the field of energy and enhancing their international influence and leadership in this field. The two sides have reached a number of cooperation intentions.



【Deputy Secretary-General of WEUN Visited WEUN Member - Xiamen University】

On June 10, 2019, Yao Jun, Deputy Secretary-General of WEUN, visited Xiamen University, a member university of WEUN. Zhang Shengqiang, Vice-Director of the International Department of Xiamen University, and related personnel attended the meeting.

Yao Jun first conveyed the gratitude of Sun Xudong, Secretary-General of the WEUN, for Xiamen University's long-term support for WEUN activities. He also introduced a series of activities of WEUN secretariat since its establishment and its work arrangement in 2019. Zhang Shengqiang recalled the impression he had made when he represented Xiamen University at the founding ceremony of WEUN last year. He fully affirmed the work of WEUN Secretariat and shared Xiamen University's experience in participating in the construction of international alliance in recent years. Subsequently, the two sides made in-depth discussions on how to conduct international academic forums, students going abroad, teacher exchanges and subject competitions under the framework of WEUN, and reached a number of cooperation intentions.



【Vice Chancellor of CUPB and His Delegation Visited Canadian Universities】

From June 15 to 19, 2019, Lei Yujiang, Deputy Party Secretary of CUPB, was invited to visit University of Alberta and Grant MacEwan University in Canada. CUPB has negotiated with two universities about innovation and entrepreneurship projects, discipline development planning, the Worldwide Energy University Network, undergraduate graduation internship projects, undergraduate summer internship projects and other issues, and have reached a number of new intentions in expanding cooperation areas and implementing cooperation contents. Directors of CUPB International Office and Development Planning Office also participated in this visit.

At the University of Alberta, Lei Yujiang and his delegation met with Huang Cen, Vice President of the University in charge of international exchanges. The two sides discussed the holding of joint seminars and the summer camp project for undergraduates under the framework of WEUN , and agreed to implement the negotiations as soon as possible. The delegation communicated with the University of Alberta on the subject development plan, introduced the operation status and work plan of the WEUN to the University of Alberta, and welcomed the participation of the University of Alberta as a member of the WEUN in the secretariat meeting to be held in Azerbaijan next year. During the visit, the delegation visited the Innovation and Entrepreneurship Center of the University of Alberta Business School and listened to the presentation by Anthony Briggs, director of the Innovation and Entrepreneurship Center. The two sides have conducted in-depth communication on the development mode, management mode and fund operation of innovation and entrepreneurship education.

At the Grant MacEwan University, Lei Yujiang met with Kimberley Howard, Vice President of the University in charge of international exchanges. The delegation visited the innovation and entrepreneurship center and listened to the introduction by Leo Liao, director of the innovation and entrepreneurship center. The two sides discussed the cooperation modes of the interested centers, communities, universities and governments. Subsequently, the delegation exchanged in-depth with Howard and

William Wei, Executive Dean of Business School, on short-term exchange programs for undergraduates, and reached a consensus on cooperative majors, number of students, communication methods and credit hours and other aspects. The two sides agreed to draft cooperation agreements, sign cooperation agreements and start related projects as soon as possible. The delegation also introduced to Grant MacEwan University with the WEUN and its operation, and exchanged views on disciplinary development planning.

Lei Yujiang and his delegation visited schoolfellows and teachers working at Alberta University and Grant MacEwan University, introduced the recent development of the CUPB and welcomed them to visit CUPB in the future.



Part 3 Academic Exchange and Research Cooperation

【Prof. Cathy Ryan from the WEUN Member - University of Calgary Made Academic Exchanges in CUPB】

On November 15, 2018, Professor Cathy Ryan from the University of Calgary, Canada, and his delegation visited The Unconventional Oil and Gas Institute of CUPB and exchanged academic reports. Dean Jiang Zhenxue introduced the basic situation of the institute to the guests. Professor Cathy Ryan had made reports on *Groundwater, Bubbles, and Energy implication* and *Stray methane gas migration around Leaky petroleum Wells* report. Subsequently, three CUPB's professors, Li Zhuo, Chen Haichao and Li Ben, respectively made academic reports on influencing factors and prediction of shale gas adsorption capacity, induced seismic activity of preexisting faults and fracture control, and fracture conductivity. After that, they made a conversation on Research cooperation and postgraduate training.



After the meeting, Professor Cathy Ryan and her delegation visited the laboratory of reservoir reconstruction research center of CUPB. Mr. Li ben, a teacher of the laboratory of reservoir reconstruction research center, introduced to the visiting guests the equipment, characteristic technology and research direction. This academic exchange not only provided new ideas for the academic research for teachers and students, but also for international cultivation of graduate students.

【2018 Geophysical Exploration Symposium Held in WEUN Member - China University of Petroleum (East China)】

On January 4, 2019, the 2018 Geophysical Exploration Symposium was held in UPC. geophysical prospecting representatives from China University of Petroleum – Beijing (CUPB) and China University of Petroleum - East China (UPC) gathered together to attend the annual geophysical academic exchange and research symposium. The conference was initiated by the Geophysical Prospecting Departments of the two universities. The first symposium was held in Beijing in 2017 and this is the second one. The department of geophysical exploration of UPC convened the teachers and students of CUPB and UPC held in the campus of UPC.



Professor Lin Chengyan, Dean of the Geoscience College of UPC, made a speech to welcome the experts and professors from the Department of Geophysical Exploration of CUPB, and congratulated the academic exchange and discipline seminar on its success.

This conference includes two parts: academic exchange and research seminar. Six reports were arranged for academic exchanges. Professor Yin Xingyao and Professor Zhou Hui and other six professors have made excellent academic reports that focused on five-dimensional seismic data interpretation, attenuation compensation in seismic inversion, high temperature and high-pressure seismology, seismic imaging of complex geological bodies, wide-band rock physics measurement technology, and high-

resolution reconstruction of high-altitude seismic data. After each report, teachers and students conducted in-depth discussions.

During the academic seminar, teachers of geophysical exploration of the two universities exchanged their achievements in the construction of geophysical discipline and the cultivation of students and talents. They also analyzed in depth the problems faced at present and in the future, and discussed possible ways to solve these problems and the direction of future efforts, which established a basic idea for the development of geophysics.



【A Lecture of “Energy Transformation and Impact on the Petroleum Industry” Held in CUPB】

On March 13, School of Economics and Management held a lecture on the theme of “Energy Transformation and Its Impact on the Petroleum Industry” with the keynote speaker Mu Xiaoyi, a professor of Energy Law and Policy Center of the University of Dundee in the UK and the head of the Energy Economics and Management Program.

He introduced his personal background and experience, and explained that his research

fields are mainly about the impact of oil and gas commodity prices, fiscal and tax policies on enterprise investment behavior, the reform and planning of power market and the foreign investment of Chinese petroleum enterprises. Through the analysis of the share chart of major energy resources in different stages, it explains that energy transformation is the transition process from traditional energy to renewable energy. According to the comparison chart of energy outlook of different international organizations and the comparison chart of carbon dioxide emission forecast, it highlights the need for energy transformation in developing countries and puts forward the impact of energy transformation on the decline of oil demand. He concluded that the energy revolution is determined by technology and economy and influenced by policies to tackle climate change. The decline in coal demand and the use of coal will also be affected by CCUS technology, which indicates that the demand for oil cannot continue to decline, the demand for natural gas may rise under the influence of the market and the rapid rise of renewable energy.

This lecture made students understand the use of petroleum and natural gas in various countries, understand the current situation of petroleum products and natural gas sales in China, and clearly analyze the reform direction of petroleum industry, which helped to deepen their understanding of energy transformation and cultivate their energy economic thinking.



【Professor of WEUN Member - Curtin University Gave a Lecture at CUPB】

On March 25, 2019, Professor Mofazzal Hossain of Curtin University, Australia, was invited to the Petroleum Engineering College of China University of Petroleum (Beijing) to give a lecture entitled "Curtin University: An Overview of Scientific Research Trends in the Department of Petroleum Engineering". The lecture was chaired by Liu Wei, Vice-Dean of Petroleum Engineering College, and 20 teachers and students in related research directions participated in the lecture.

At the lecture, Professor Mofazzal Hossain first introduced the curricula of Curtin University, then introduced the current research activities of Curtin University, including research equipment and related projects of Curtin University in the field of petroleum engineering. Later, the participants had active interactions with Professor Mofazzal Hossain. After the lecture, Professor Mofazzal Hossain visited several scientific research laboratories. Head of the laboratory gave a detailed introduction of the laboratory to Professor Hossain.



Mofazzal Hossain, Associate Professor, Head of Petroleum Engineering, University of Curtin, Australia. Professor Hossain received his Ph.D. in 2001 from the University of New South Wales in Australia, worked as a reservoir engineer at Saudi Arabian

Petroleum Corporation from 2000 to 2009, assistant professor at the University of Curtin in Australia from 2014 to now, director of the Department of Petroleum Engineering at the University of Curtin in Australia from 2015 to 2017, and director of the Department of Petroleum Engineering at the University of Curtin in Australia from 2018 to present. Head of Engineering Discipline; Published more than 50 journal/conference papers; Edited Energies magazine; Member of Australian Association of Engineers and SPE Association and other industry associations.

【Professor of WEUN Member - Rio de Janeiro Visited SINOPEC Institute of Petroleum Engineering Technology】

On June 23, 2019, Duan Menglan, Dean of Institute of Safety and Marine Engineering of CUPB, accompanied Professor Segen, Academician of Brazilian Academy of Engineering and Federal University of Rio de Janeiro, to visit SINOPEC Institute of Petroleum Engineering Technology, and discussed the tripartite cooperation.

Duan Menglan introduced the development of cooperation between CUPB and the Federal University of Rio de Janeiro, Brazil, as well as the key work currently carried out. Professor Segen briefly introduced the development status and scientific research system of Brazil's deepwater oilfield, and put forward the idea and general idea of further strengthening cooperation between China and Brazil in the deepwater field.

Lu Baoping, president of SINOPEC Petroleum Engineering Research Institute, welcomed Duan Menglan and Segen's visit. He said that this meeting could promote and strengthen mutual understanding, which was of great significance. He agreed with Professor Segen's idea of cooperation. The Academy would actively promote and strengthen cooperation and exchanges with China University of Petroleum (Beijing) and Brazil. Ding Shidong, Vice President, introduced the general situation of SINOPEC Engineering and Technology Research Institute, its main business scope and corresponding key technologies, and put forward specific suggestions for the

cooperation mode between China and Brazil.

The three sides also exchanged views on how to carry out technical cooperation, personnel training, international exchanges and market development on the platform of China-Brazil Joint Research Institute of Deepwater Technology, and discussed the feasibility of establishing joint research institutes around key technical fields such as deepwater development and downhole tool development.



Part 4 Student Activities and Exchange Programs

【CUPB holds the 4th Pushkin Youth Art Festival and Russian Cultural Week】

From May 13 to 17, 2019, the 4th Pushkin Youth Art Festival and Russian Cultural Week were held in CUPB. The activities are sponsored by CUPB and Gubkin Russian State University of Oil and Gas, organized by CUPB's International Office and College of International Education, and co-organized by the Academy of Education, Graduate School, Foreign Languages College, College of Network and Continuing Education and the College of Arts and Sciences of Karamay Campus. Many Russian learners, Russian cultural enthusiasts and foreign students from both Beijing and Karamay Campus of CUPB participated in the activities.

The Pushkin Youth Art Festival is a large-scale youth cultural competition sponsored by Gubkin Russian State University of Oil and Gas since 1994 with the support of the Ministry of Education, Science and Technology of the Russian Federation. Since 2016, three consecutive sessions have been held in CUPB. This competition includes two parts: Russian proposition composition and creative competition. After fierce competition, the first, second and third prizes are finally selected. First prize winner Galas Hali will represent CUPB at the All-Russian Pushkin Youth Art Festival in Moscow in October this year.

During the of Russian Culture Week, CUPB planned and organized a series of activities, such as Russian University lectures, Russian oil painting appreciation culture classes, Russian study experience sharing meeting, Russian oil and gas geopolitics and diplomatic vision opening lectures, Russian film exhibition, Chinese and foreign student associations, to promote CUPB students' understanding of the higher education of Russia and to promote the friendship with Russian students. The understanding of social culture stimulates students' interest in studying in Russia and broadens their international horizons.

At present, CUPB has established cooperative relations with 17 Russian universities

and institutions. Every year, a group of CUPB students will be sent to study at Gubkin Russian State University of Oil and Gas, Ufa State Petroleum Technological University and other Russian universities through the State Overseas Study Fund.



【The WEUN International Summer School on Clean Energy Science and Technology Held with Success in CUPB】

Between June 10 and 28, 2019, the Worldwide Energy University Network (WEUN) hosted a 19-day international summer school with the theme of clean energy science and technology. A total of 19 students from seven countries, including Britain, Denmark, Norway, Brazil, Canada, Russia and China, and 12 experts and scholars in the field of energy research from 11 member universities participated in this summer school. Professors from the University of Michigan, Birmingham University, Danish University of Technology, Norwegian University of Science and Technology, Xiamen University, and China University of Petroleum (Beijing) in the field of world energy provide lectures to these students, while incorporating colorful Chinese cultural experience projects.

Li Gensheng, Vice President of CUPB, Segen Farid Estefen, Professor of Federal University of Rio de Janeiro, Brazil, Morten Lind, Professor of Danish University of Science and Technology, Mark Read, Senior Lecturer of Birmingham University, and Sun Xudong, Secretary-General of WEUN attended the opening ceremony of this event. It was also attended by the heads of functional departments and colleges of the Institute of Education, the College of Mechanical and Storage Engineering, the College of Safety and Marine Engineering, and more than 70 students.



On behalf of CUPB and WEUN, Li Gensheng welcomed foreign experts and students from afar. He introduced the history and characteristics of CUPB's education, as well as the achievements in international cooperation and exchanges in recent years, especially the exchange between CUPB and member Universities of WEUN since the establishment of WEUN in September 2018. As the first rotating chairing university of WEUN, CUPB has actively promoted the construction of the alliance platform which achieved remarkable results. He wished the WEUN Clean Energy Science and Technology Summer School great success.

Mohammed Ali from the University of Leeds, UK, spoke as a student representative. He said that he was very excited to be in China for the first time. He could experience the rich and colorful Chinese culture and get close contact with the hospitable Chinese people by attending WEUN International Summer School. He will share this experience to his friends and family in the UK and let them know more about China. Professor Morten Lind of the Danish University of Science and Technology spoke on behalf of foreign experts. He thanked WEUN and CUPB for their invitation and the thoughtful service provided by the organizers. He said that WEUN International Summer School provides a platform for young students from different countries to communicate. Despite the differences in culture and language, learning and exchanging around the common theme of clean energy science and technology, as well as learning and feeling Chinese culture, is a very meaningful activity. He hoped the activity will continue and be better.

Sun Xudong made a report on behalf of the Secretariat of WEUN. He summarized the work of WEUN since its establishment in September 2018, talked about the work plan and deployment for 2019, introduced the situation of the Karamay Campus of China University of Petroleum (Beijing), and welcomed the teachers and students who attended the Summer School to visit the Karamay Campus. Subsequently, Segen F. Estenfen, Morten Lind, Mark Read and Professor Liu Weifeng of CUPB School of Information Science and Engineering made reports on clean energy science and technology.

Wu Xiaolin, Vice President of China University of Petroleum (Beijing), exchanged views with foreign experts and students attending WEUN International Summer School.



At the closing ceremony on June 28, students from Birmingham University, Leeds University and other member universities of WEUN made group reports. They expressed their feelings and experiences of Chinese culture in the past three weeks. Summary reports were focused on tea culture, architectural art, historic sites and energy-related lectures. By studying energy-related professional reports given by the world-renowned professors in the field of energy, such as CO₂ capture, artificial

intelligence, clean energy, the latest scientific and technological development. The students are highly stimulated in thinking of today's clean energy science and technology. Through visiting Fuqing Nuclear Power Station and practicing in person, students witnessed the brilliant achievements of China's rapid development in the field of clean energy, and are full of confidence in the future development prospects of clean energy.



At the end of the report, Secretary-General Sun Xudong highly affirmed the excellent reports of the students. This year, CUPB hosted the WEUN International Summer School for the first time. It has been well planned in curriculum design, activity arrangement, safety standards, student exchanges, teacher-student interaction and cultural experience, and made remarkable results. Through 20 days of activities, all the participants fully appreciated the extensive and profound Chinese culture, and also witnessed the brilliant achievements of modern science and technology in China, especially in the field of clean energy. Sun Xudong said that on the basis of this year's success, he would listen carefully to the suggestions of the students and make continuous improvements in this field. Next year, he would continue to hold

international summer school on the platform of WEUN. Finally, Sun Xudong, Wang Wei and Wang Jinjiang issued certificates to the first summer school students respectively.



【Short-Term Student Exchange Program in South Ural State University】

Based on the cooperation agreement between CUPB and South Ural State University (SUSU), seven CUPB undergraduates went to SUSU for spring exchange program in the early 2019. The short-term exchange project provides CUPB students with an opportunity to learn about the campus culture of the university, and also enables them to experience Russian culture in depth. The first group of students successfully completed their studies in June and returned to China.

The 2019 autumn semester exchange program will start in September. CUPB has selected 14 undergraduates and 1 postgraduate to have a study in the majors of mechanical engineering, economics, Russian, English, computer science and information technology.

【WEUN 2019 Summer International Geology Field School Held with Success in Karamay】

Between June 24 and July 5, 2019, the WEUN 2019 Summer International Geology Field School was successfully held by China University of Petroleum-Beijing at Karamay. Prof. Xie Qingbin, Dean of the College of Petroleum, Prof. Yin Wen, Head of the Department of Geology, instructors of this geology fieldwork and students from UniLaSalle (France), Universiti Teknologi Petronas (Malaysia), and Hanoi University of Mining and Geology (Vietnam) attended this event.

At the Opening Ceremony on June 24, Prof. Xie, on behalf of Karamay campus, extended warm welcome to the attendants. Drawing on the advanced facilities and natural geological landforms for practical training, as well as the interaction with CUPB teachers and students, the attendants are highly expected to enhance their professional skills and deepen their understanding of Chinese culture. The energy teachers introduced the overall arrangement of this internship and matters needing attention in field practice. The attendants made self-introductions about their education background and expressed their gratitude to the organizers and excitement about the upcoming field school. At the end of the ceremony, Prof. Xie handed out the tools and instructors which will be used in this fieldwork.



The WEUN 2019 Summer International Geology Field School ended on July 5. The ceremony started with the report given by energy teachers, introducing the general arrangements and achievements about the 10-day field school. The participants who came from three WEUN member universities made presentations on their experiences and feelings for the field school. Amazed by the natural landforms with geological traits in Jungar basin and the well-organized Petroleum and Petrochemical industry visit in Karamay region, the participants all spoke highly of the field school as it provided a good chance to practice what they have learned in books. They also expressed their gratitude to all the teachers and volunteers for their excellent teaching and guidance and assistance provided through the entire field school. After the presentation, the professors and the participants exchanged ideas through Q&As. Prof. Sun Xudong congratulated the participants for their fulfillment of the field school and hoped that there would be more teachers and students from WEUN member universities taking part in the programs held by WEUN in the future. This summer school will continue in 2020. At the end, on behalf of the campus, Sun and Xie presented certificates of completion and souvenirs to the foreign students.



This Summer International Geology Field School is one of the series of activities held by CUPB under the framework of WEUN, and also the first International summer school held at Karamay campus. During the 12-day field school, The attendants went to the typical geological route of northwest edge of Jungar basin, exploration and development research institute of Xinjiang oilfield company, experimental testing research institute and other oilfield research and production sites for internship, so as

to understand the rich geological phenomena of Jungar basin and the scientific research process of petroleum industry, and lay a solid foundation for their future career.



In recent years, the College of Petroleum has made continuous progress in the construction of field practice and production training courses, and has achieved good results, laying a solid foundation for the holding of this international geology field school. The successful host of this WEUN student activity also promoted the international exchange work of the campus. In the future, the campus will continue to launch various international exchange and cooperation projects, which will contribute to the goal of "high-level, application-oriented and internationalized" talent training.