

LIFE IN CHINA

Gather Youth's Power, Embrace Int'l Cooperation

By LIU Hao and LONG Yun

Tanaporn Khotphat, deputy director of the Institute of Thai Studies at the International College of Guangxi University, believes young researchers from China and Thailand will play a critical part in future joint academic activities.

"I hope China and Thailand could benefit from win-win cooperation and common development. Chinese and Thai people are as close as one family," said Khotphat, who was giving the keynote speech at the 3rd ASEAN Plus Three (10+3) Young Scientists Forum in Nanning, Guangxi Zhuang Autonomous Region.

The forum has attracted many scientists from China, Japan, South Korea

and other countries to conduct in-depth exchanges and find the best way to innovate and cooperate.

Faced with the dual challenges of the impact of COVID-19 and economic recovery, the challenge for China, Japan, South Korea and the ten ASEAN countries is how to jointly promote sustainable development - which may in turn be the key to solve current global problems.

Kyung - Ho Shin, the president of Commercializations Promotion Agency for R&D Outcomes (COMPACT) noted that innovation-based cooperation with other countries is an essential element of any country that dreams of sustainable growth. Therefore, South Korea and ASEAN countries' companies can aim at

the global market through working together.

Shin plays a leading role in the Nanjing Xianggu high-tech industry research institute cooperation program, aiming to build a platform for advanced and new technology transfer between China and South Korea, and to help the marketization of international scientific and technological achievements.

Since the formal launch of ASEAN Plus Three (10+3) cooperation, all parties have vigorously facilitated and deepened practical cooperation in various fields, including scientific and technological innovation, and made efforts to generate tangible results.

The China - Singapore International Joint Research Institute serves as an important technology collaboration platform, jointly set up by the South China University of Technology (SCUT) and Nanyang Technological University (NTU Singapore).

"We use technology to match the needs raised by ASEAN countries based on their own resource, which will lead to more efficient and precise technology transfer achievements," said the institute's chief scientist Yu Long.

Bui Thi Ooanh is from Vietnam, and has been working in the School of Physics and Electronics at Nanning Normal University for three years.

"All sustainable development strategies depend on science and technology," she said. In her opinion, to achieve sustainable development requires rational exploitation and utilization of resources,

transformation of traditional industries, implementation of ecological construction projects and elimination of pollution. It is also important to improve the scientific and technological literacy of humankind and strengthen scientific and technological collaboration across the globe.

The 21st Century is the century of the oceans and the rich resources they contain are valuable assets to sustain the development of humanity.

The rational development and utilization of marine resources have become an inevitable development trend of all countries.

Yang Bo, deputy chief designer of Chinese deep-sea manned submersible Jiaolong, said the global efforts and deepening cooperation among young scientists are essential to achieve sustainable development of the ocean. In addition, the research on the manned submersible is a good chance to further international cooperation.

Arthur Ario Lelono from the Indonesian Institute of Sciences also called for concerted efforts to reach the goal of sustainable development. "Alone we can do so little and together we can do so much," he said.

Meanwhile an official from the Ministry of Science and Technology told the forum, "Our readiness is to work with all parties to build the forum into a long-term and stable platform for exchanges and cooperation among young scientists from China, Japan, South Korea and ASEAN countries."

A Foreign Scientist's Aspirations in Shanghai



Professor Malgorzata Biczysko is speaking at the 2nd Quantum International Frontiers. (PHOTO provided by author)

By Malgorzata Biczysko

I arrived in China for the first time in January 2015, to interview for a job at the International Center for Quantum and Molecular Structures, a then newly established department of Shanghai University (SHU).

Although I only spent three days in Shanghai, I liked it immediately.

My first impression of Shanghai was its unique atmosphere, where rapid development of modern technologies and traditional customs and beliefs lived side-by-side in harmony.

In my eyes, Shanghai is where you have the tallest skyscrapers, while around the corner people can be found sitting outside their homes playing mah-jong (a traditional Chinese game). What is more, it is a city where you have elegant fine dining restaurants juxtaposed with street-food stands in front of them.

I have to say that much of the latter has disappeared since 2015, due to constant development of Shanghai.

However, some of the traditions still exist, which I hope will be preserved to retain Shanghai's unique integration of modernization and traditional cultures.

So, after considering what the city had to offer, along with quite exciting career opportunities at SHU, it was easy to commit to this new adventure and sign a 10-year contract with SHU.

I try my best to contribute to the internationalization and visibility of SHU by organizing several international conferences, such as the International Quantum Frontiers supported by SHU-Global.

One example of an on-going project is the China-Poland collaboration involving my friend Professor Qian Gou, who

is the head of the microwave spectroscopy laboratory at Chongqing University.

She was also the person who introduced me to the Chinese spectroscopy and astrochemistry scientific communities.

In the future, I hope to continue contributing to new international collaborative opportunities, especially between China and European countries.

However, I think that the potential of foreign researchers is not yet exploited in full, as there is still room for improvement going forward.

One of the key obstacles is that sometimes it is not easy for foreign researchers to apply for joint research grants, while another issue hampering collaboration, not only international but also inside China, is related to the first authorship and first affiliation. This issue provides challenges for developing interdisciplinary projects.

In addition, available resources such as highly advanced computing or experimental facilities are not utilized to their full potential, due to missing or insufficient technical support.

In conclusion, I consider my stay in China a very interesting cultural and scientific experience.

I hope to have more possibilities to travel, and continue to learn Chinese language and culture.

My Chinese adventure is surely changing me as a person, broadening my scientific and human horizons and showing me how great and diverse is authentic Chinese cuisine.

(Professor Malgorzata Biczysko is from Poland and works at the Physics Department of Shanghai University College of Sciences. The views don't necessarily reflect those of the S&T Daily.)



The 3rd ASEAN Plus Three (10+3) Young Scientists Forum commences both online and on-site in Nanning on Sep. 9. (PHOTO: CATT)

Service Info

Mid-Autumn Festival Tea Party for Expats in Tianjin

On September 14, the Tianjin Municipal Science and Technology Bureau held a "China Day" event and Mid-Autumn Festival tea party for foreign experts. More than 40 foreign experts from nine countries took part. During the tea party, the guests learned how to make traditional mooncakes and were treated to a variety of delicious Chinese cuisine. The organizers also introduced

the Mid-Autumn festival customs, organized a lucky draw, held competitions where prizes were awarded and many other activities. The event received positive feedback from all attendees as it helped to enrich foreign experts' experiences of living in China.

(Please see photo on the right.)

Source: Tianjin Municipal Science and Technology Bureau



Ningxia Foreign Experts Celebrate Moon Festival

On September 11, the Department of Science and Technology of Ningxia Hui Autonomous Region held an event for foreign experts to celebrate the Mid-autumn Festival. 50 foreign experts and their family members from 20 countries attended the event. They learnt about Chinese traditions through various activities, such as mooncake making, food

tasting and group games. By attending a series of activities, experts said they had a better understanding of Ningxia and got to feel more integrated with their surroundings.

(Please see photo on the left.)

Source: Department of Science and Technology of Ningxia Hui Autonomous Region



Beijing's Chaoyang District Provides One-stop Service for Foreign Talents

By Wen Haoting

From July 2020, Beijing Chaoyang High-level Talents Service Center (HTSC) has been setting up one-stop service stations for international residents to enhance foreign experts' experience of working and living in China.

The service centers integrated 120 service items from 19 departments and accomplished the goal of processing multiple inquiries/applications all at one site.

The one-stop service contains matters regarding immigration, business and employment, service guarantees, work permits, talent recognition, and talent introduction and registration.

As of this August, it had processed 2,783 cases.

To access the platform, users can search "Chaoyang Zhengwu" on WeChat, and select "International Talent" in the Service section, where you will be

redirected to HTSC's online platform.

Currently, it has eight service locations.

Below is the list of the eight locations from north to south.

- Chaoyang Zhongyuan Building International Talent One-stop Service Site
- Chaoyang Wangjing International Talent One-stop Service Station

- Beijing Chaoyang Chaoyangyuan International Talent One-stop Service Center
- Chaoyang Upper East Side International Talent One-stop Service Site

- Beijing Chaoyang International Talent One-stop Service Center
- Chaoyang Maizidian International Talent One-stop Service Station

- Chaoyang Sanlitun International Talent One-stop Service Station
- Chaoyang CBD International Talent One-stop Service Center

- Chaoyang Upper East Side International Talent One-stop Service Site
- Beijing Chaoyang International Talent One-stop Service Center
- Chaoyang Maizidian International Talent One-stop Service Station
- Chaoyang Sanlitun International Talent One-stop Service Station
- Chaoyang CBD International Talent One-stop Service Center

Source: HTSC

Diverse Festival Activities in Guangxi

On September 11, the Department of Science and Technology of Guangxi Zhuang Autonomous Region organized an event for foreign experts to experience Chinese culture in celebration of the Mid-autumn Festival, which falls on September 21 this year. Twenty foreign experts and their families from 12 countries attended the event. The organizers introduced the history, origin, myths, legends and customs of the Festival to

the group. Through various activities, they explored traditional Chinese customs, such as paper lantern making and traditional Chinese food tasting, including the essential mooncakes, enjoying the opportunity to celebrate the holiday with friends and colleagues.

(Please see photo on the right.)

Source: Department of Science and Technology of Guangxi Zhuang Autonomous Region

2021 World Robot Conference Focuses on Future Robotics Industry

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Technologies like machine learning can be programmed in robots. "A future robot must be a comprehensive control system that is intelligent, self-dependent and networked," said Wang.

Xin Guobin, Vice Minister of Industry and Information Technology, said the scale of China's robotics industry exceeded 100 billion RMB in 2020 and China's industrial robot market has ranked No.1 for eight consecutive years.

Despite the achievements, Xin added, the development of China's robotics industry is still in its infancy. High-end supply is not enough and the application in industries also needs to be increased. The Ministry of Industry and

Information Technology is taking the lead in making the development plan of the robotics industry for the 14th Five-Year Plan, according to Xin. Breakthroughs in technologies like robot systems is the next aim. Universities, research institutes and enterprises are encouraged to conduct joint research on key technologies.