

NEWS 月报 LETTER



Cambridge University - Nanjing
Centre of Technology and Innovation
剑桥大学南京科技创新中心

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剑桥校友创新创业沙龙成功举办

The Cambridge Alumni Salon on Innovation and Entrepreneurship was successfully held

南京市委常委、江北新区党工委专职副书记罗群莅临中心调研

Luo Qun, member of the Standing Committee of the Nanjing Municipal Party Committee and Deputy Secretary of the Party Working Committee of Jiangbei New Area made an investigation tour to the Centre

中心召开第一届董事会第五次会议

The fifth meeting of the Centre's first board of directors was successfully held



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On June 25, the Cambridge Alumni Salon on Innovation and Entrepreneurship was successfully concluded at the Nanjing International Health Area Science and Technology Innovation Centre. As a brand event for the special session for Jiangbei New Area during Nanjing Tech Week 2021, the Salon was fully supported by the Jiangbei New Area Management Committee and jointly organized by Cambridge Nanjing Centre, Jiangbei New Area Central Business District Construction Management Office, and Nanjing Western Returned Scholars Association. The Oxford and Cambridge Universities Alumni Network of Jiangsu-Zhejiang and the Oxford and Cambridge Universities Alumni Network of Shanghai participated in the event organization. On June 25, the Cambridge Alumni Salon on Innovation and Entrepreneurship was successfully concluded at the Nanjing International Health Area Science and Technology Innovation Centre. As a brand event for the special session for Jiangbei New Area during Nanjing Tech Week 2021, the Salon was fully supported by the Jiangbei New Area Management Committee and jointly organized by Cambridge Nanjing Centre, Jiangbei New Area Central Business District Construction Management Office, and Nanjing Western Returned Scholars Association. The Oxford and Cambridge Universities Alumni Network of Jiangsu-Zhejiang and the Oxford and Cambridge Universities Alumni Network of Shanghai participated in the event organization.

After the Cambridge alumni delegation visited the Jiangbei New Area Planning Exhibition Hall and the Jiangbei New Area Central Business District Planning Exhibition Hall in the morning, more than 60 guests from relevant departments of Nanjing and Jiangbei New Area, Cambridge Chinese alumni groups, domestic universities, and venture capital institutions gathered at the Nanjing International Health Area Science and Technology Innovation Centre, together with dozens of Chinese Cambridge alumni participating in the event through a live online broadcast. The guests discussed the nearest future focused on the achievement practice, path exploration and mechanism construction of the alumni group's innovation and entrepreneurship in the new era.

Luo Qun, member of the Standing Committee of the Nanjing Municipal Party Committee and deputy secretary of the Jiangbei New Area Party Working Committee, delivered a welcome speech. Luo Qun, on behalf of Jiangbei New Area, extended a warm welcome to all the alumni and guests participating in this event. During his speech, he mentioned his wishes for the Centre to become a model for Cambridge University's global development and a model for innovation in China. He also said that he wishes more and more Cambridge alumni would settle in this hot spot, namely, Jiangbei New Area and further develop the innovation achievements of Cambridge University.



Nan Ma, Senior Associate Director - International (Asia), University of Cambridge Development and Alumni Relations, expressed his welcome through online communication to all the alumni and guests. He also expressed his gratitude to Jiangbei New Area for supporting Cambridge alumni activities and shared the current situation of the Chinese Cambridge alumni.



Daping Chu, Tenured Professor of Cambridge University, CEO and Academic Director of the Centre, on behalf of the Centre, extended his warm welcome through an online broadcast to the alumni and guests participating in the event both on-site and online. He said that the Centre would continue to play a pivotal role in connecting with Cambridge alumni, improving independent scientific research capabilities, and providing alumni and other talents with a good life and work guarantee. It will explore and improve the business incubation mode of entrepreneurship, enhance the sense of belonging and cohesion of the Centre among alumni groups, and realize the integrated development of "Centre + City + Alumni".

Then at the Book-donation Ceremony, Chen Chanmei, member of the Jiangbei New Area Party Working Committee and deputy director of the Jiangbei New Area Management Committee, on behalf of the Centre, accepted the original academic books donated by Cambridge University Press from James Pan, Academic Publishing Director of Cambridge University Press Asia. This is the first time that Cambridge University Press has donated such a large number of original academic books to domestic strategic cooperative institutions in recent years.

The event has attracted extensive attention from all walks of life and media at all levels, and has been reported by mainstream media both inside and outside the province, including xinhuanet.com and jschina.com. According to incomplete statistics, the online reports of this event has received more than 10,000 views, which has produced a stronger social influence.



On June 11, Luo Qun, member of the Standing Committee of the Nanjing Municipal Party Committee and deputy secretary of the Jiangbei New Area Party Working Committee made an investigation tour to the Centre. Luo Qun expressed his great expectations for the Centre and its work, especially in the transformation of technological achievements. He also emphasized that it is necessary for the Centre to strengthen its management structure and improve its commercial efficiency. While the Management Office strongly supports the Centre's work, it is also expected that the Centre can provide streamlined and efficient examination and approval services and make solid progress in scientific research, influence improvement, and achievement transformation, especially in promoting the landing of enterprises.



On June 22nd, the fifth meeting of the Centre's first board of directors was successfully held. Due to the COVID-19 pandemic, board members and representatives of Cambridge University attended the meeting online. The meeting was chaired by Daping Chu, Tenured Professor of Cambridge University, CEO and Academic Director of the Centre. The board members attending the meeting include Eilis Ferran, Pro-Vice-Chancellor of Institutional and International Relations of the University of Cambridge, Richard Prager, head of Cambridge University Engineering Department, Li Yan, General Manager of the Centre, Pu Liangyu, head of the Administrative and Personnel Department, Zhu Jijun, head of the Finance Department, etc. Chen Chanmei, member of the Jiangbei New Area Party Working Committee and deputy director of the Jiangbei New Area



Management Committee, Chen Jianpeng, secretary of the CPC Working Committee and Director of the Management Office of the Central Business District, Ge Xiaoyong, member of the CPC Working Committee of the Central Business District, Albert Wu, General Research Manager of the Centre, and Chris Pearson, Nanjing Specialty Manager of the University of Cambridge, also attended the meeting as nonvoting delegates.

The meeting summarized the Center's work in the first half of the year, and important decisions and arrangements have been made on the key work and development affairs of the Centre in the second half of the year, based on which the relevant personnel in the existing management team have been appointed.

II 科研 RESEARCH TRENDS 动态

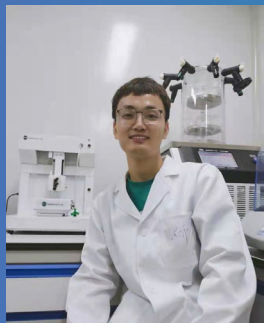
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发明创造名称: 一种全息干涉仪的全自动相位误差修正方法与系统	

On June 24th, the technical invention patent of "a fully automatic phase error correction method and system for holographic interferometers" applied by the Centre for its project of "Holographic Interferometer for 3D Surface Profiling" was approved by the China National Intellectual Property Administration.

It was invented by Professor Daping Chu (Chief Principal Investigator) and Dr. Yuanbo Deng (Deputy Principal Investigator), who proposed a method for automatically detecting the phase error of holographic interferometers. The invention can help to realize the high-precision phase compensation at pixel level, and is applicable to holographic interferometer

system with low cost and large phase error. Besides, compared with the traditional phase compensation method, this new method can be easily applied to the detection of different systems, and effectively reduce the detection complexity and detection time, which it is conducive to the promotion of standardization and industrialization.

In June, two researchers joined the research projects of "DropBioApp Engineering Droplet-based Microfluidic Platform for Biological Applications" and "Holographic Interferometer for 3D Surface Profiling" respectively.



Qin Yipeng, Nanjing Tech University graduate, with a master's degree in Chemical Engineering and research experience in nano/micro-structured materials preparation, regulation and optical application, as well as the exploration of the manufacturing of rapid prototyping and precision optical devices by means of 3D printing technology and droplet-based microfluidic technology, has joined the Centre. He is now engaged in the bio granule gel research and technological transformation work in the "Drop-BioApp Engineering Droplet-based Microfluidic Platform for Biological Applications" project.



Zhang Xi, Jiangnan University graduate with a master's degree in Optical Engineering and research experience in digital holography, K-space transform imaging, tomography and optical interferometry has joined the Centre. He is now engaged in the research and technological transformation work related to holographic interferometric imaging in the "Holographic Interferometer for 3D Surface Profiling" project.

III 工作 WORK NEWS 协同

On May 28th, Chen Jianpeng, Secretary of the CPC Working Committee and Director of the Management Office of the Central Business District, and Ge Xiaoyong, member of the CPC Working Committee of the Central Business District, visited the Centre's new building and discussed with the Centre's staff. At the meeting, staff from various departments of the Centre reported their recent work. Chen Jianpeng praised the progress made by the Centre and encouraged us to continue the good work. He hoped that we could carry out high-quality application researches in the new building at an early date, accelerate the application of international innovation achievements and promote the technological innovation of Jiangbei New Area.

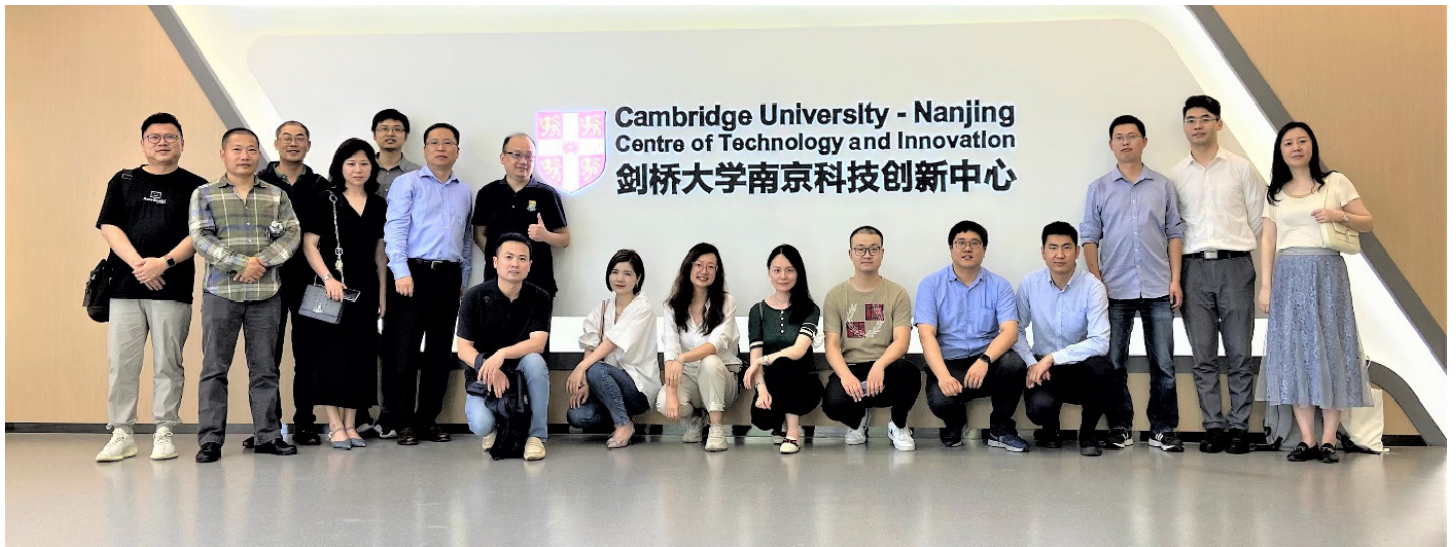




On May 17th, Albert Wu, General Research Manager of the Centre, attended the Taihu Lake Forum for Entrepreneurs of East Asian Countries held in Suzhou. This forum was themed around "Making Unimpeded Industrial Circulation in East Asia and Rendering Joint Efforts for Cooperation and Win-win Development". Han Liming, Secretary of the Nanjing Municipal Party Committee, was also present at this forum, together with other municipal leaders and heads of enterprises committed to industry-university-research cooperation. Lou Qinjian, Secretary of the CPC Jiangsu Provincial Committee, delivered a speech, and Wu Zhenglong, Deputy Secretary of the CPC Jiangsu Provincial Committee and Governor of Jiangsu Province, delivered a keynote speech. Zhang Xiangchen, Vice Minister of Commerce, and Lu Peng, Vice Chairman of China Council for the Promotion of International Trade and Vice Chairman of the China Chamber of International Commerce also attended the forum and delivered speeches.



On May 31, at the invitation of relevant organizers of Shanghai municipal government, Albert Wu, General Research Manager of the Centre, attended the Global Enterprise Technology Development Forum and delivered a keynote speech entitled "The 'Spiral Rising' of Technological Innovation", in which he mentioned that we should give full play to the prominent advantages of the R & D institutions represented by universities to boost technological innovation and promote the development of the technology industry. He also mentioned that currently, the research focus of the Centre are mainly around the four aspects closely related to the four innovation hotspots, that are, biomedicine & health care, information technology & renewable energy, smart city & environmental protection, zero carbon & sustainable development. From the implementation of scientific research projects to the transformation of innovative achievements, more high-value academic, government and enterprise innovation resources are connected.



On June 11th, a delegation from the Institute for China Business, HKU SPACE, led by Dr. Ma Chen Jie, Director of the Institute for China Business and the Senior Executive Academy, HKU SPACE and MBA alumnus of the University of Cambridge 2004, visited the Centre for exchange. Albert Wu, General Research Manager of the Centre, welcomed the teachers and students and introduced the orientation and development direction of the Centre. Ge Xiaoyong, member of the CPC Working Committee of the Central Business District, Jiangbei New Area, also introduced the construction planning and regional development of the Central Business District.



V 人才 TALENT TRAINING 培养

On June 16th, the 13th Nanjing Conference on International Exchange and Cooperation for Overseas Chinese Professionals was opened at the Nanjing International Expo Convention Center. The Centre participated in the conference and set up a recruiting booth to post demands for five kinds of high-end master and doctoral talents, including researchers and project R & D managers.



The Nanjing Conference for Overseas Chinese Professionals is an important regional and international exchange and cooperation platform for high-level talents both at home and abroad. Since 2008, 12 sessions have successfully been held. The theme of the 13th conference was "Attracting Overseas Talents in Nanjing and Realizing the Dream of Innovation". During the two days of the conference, a series of special activities including exhibition, innovation and entrepreneurship, exchange and matching were held.



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