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牛津大学高等研究院(苏州)

OXFORD SUZHOU CENTRE FOR ADVANCED RESEARCH

oscar.web.ox.ac.uk



Contemporary European architecture is a series of complementary gestures that bring the city and night.

Architecture is a new space that is the result of a series of gestures that bring the city and night. It is a space that is the result of a series of gestures that bring the city and night. It is a space that is the result of a series of gestures that bring the city and night.



the wall, the floor, the ceiling, the sky.

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HEADLINE NEWS OF SIP IN NOVEMBER



Research Kicks off in OSCAR

Thanks to the support from Suzhou Industrial Park, the research activities are able to be started in OSCAR from November by accessing the existing labs and research equipment available for sharing in SIP before the fit-out of OSCAR building completes late next year.

Four researchers from the Regenerative Medical research group led by Prof. Zhanfeng Cui from the University of Oxford have already started their research work by accessing the GMP and other high standard lab equipment at Aokai Biotech located in Biobay which is only 10 mins walking distance away from OSCAR.

The researchers, with logistic support from OSCAR administrative team will stay in SIP for 2 months by the end of this year and will be back to OSCAR to continue their research work early next year. This issue of newsletter features this first group of researchers' work and life in OSCAR, a home in China to Oxford researchers.



Tips of Work and Life at OSCAR from Dr. Jia

Within OSCAR (WIN OSCAR)



Within OSCAR you will feel standing in a university campus, which is full of youthful spirit. It is no doubtable to the high standard of local equipment and facilities, like GMP facility I am using to continue my stem cell banking project. Thanks for the Chinese government's international talent recruitment plan, most of the local technical management staff have the oversea working experience. Thus, there is no problem in communication and collaboration.

There are only four full time staff in OSCAR at the moment, but they proved that a mini team could do a big job. The lunch restaurant, which is running by a 4-star hotel, is my most satisfied OSCAR choice. The buffet lunch costs only 30 RMB (less than 4 pounds).

The 'China speed' will astonish you, not only because of the superfast train, but also the life style, business mode and shopping behaviour. Following my wife's long-distance (from UK) instruction, I completed my first 'double 11' (on the day of 11th November) shopping experience at 0:10am. The TV live show explored that 1 billion yuan transaction was completed in just 28 seconds, and the gross merchandise volume (GMV) achieved 253.97 billion in a single day. Among the GMV 91.2% were from mobile internet. We were thinking that to save money by using online shopping, but is it true?

Once you are living here, you will understand why the mobile phone market is growing up so quick and the internet+ providers are developing so fast. With enough APPs in your mobile here, you could really enjoy the cashless traveling life. Here is my suggestion you should have:

WeChat - social, shopping, entertainment
 Pleco - Chinese Dictionary
 Waygo - Visual Translator
 Google translate - only available if you have VPN
 Ctrip - hotel and train tickets
 China Metro
 Baidu Maps
 Didi - taxi, same as Uber
 Alipay - online pay
 Taobao - online shopping
 JD.com - Taobao's competition, online shopping
 Waimai Meituan - food, film ticket, hotel etc.
 Dianping - food and entertainment
 VPN (Virtual Private Network) - very crucial



I was working hard and busy more than usual (be honest) in OSCAR, thus, haven't got chance to taste the social life. But to summarise my first four week experience in OSCAR in a word – will feel working in a foreign country, but it isn't far away from Oxford.

Dr. Raymond's Visit to OSCAR



Earlier this month, Dr. Jason Raymond (Engineering Science) visited OSCAR.



"I visited Nanjing and Suzhou while in China for two weeks. The visit to Nanjing provided an opportunity to formulate a roadmap for a collaborative partnership with researchers at the Institute of Acoustics (Nanjing University). In Suzhou, I met with potential collaborators including the Institute of Functional Nano & Soft Material at Soochow University, the Chinese Academy of Sciences Suzhou Institute of Biomedical Engineering and Technology, and NUSRI. I would thank Leah, Steven and the rest of the OSCAR staff for their support and for helping to organise meetings."

"I look forward to helping to establish the research effort at OSCAR. The temporary offices are convenient, and OSCAR is now operational -- the next step will be to get our research underway."



Prof Cui Invited to Meet with British Minister in Suzhou



On 6th November, 2017, Jake Berry, the Minister for the Northern Powerhouse and Local Growth at the Department of Local Government & Communities visited Suzhou and met with Biao Nie, Vice Mayor of Suzhou. Prof Zhanfeng Cui was invited to attend the welcome meeting.

Biao Nie said that in recent years, exchanges between Suzhou and Britain have become increasingly frequent. By September 2017, there are over 160 British investment projects in Suzhou. The total bilateral trade volume reached 5.2 billion U.S. dollars in 2016. Encouraged by the local government, Suzhou will continue to expand cooperation with the UK in the fields of health, education, technological innovation, construction, finance and urban planning in the future.

Jake appreciated the Suzhou Government for its long-term support and assistance offered to British enterprises in Suzhou. He hoped that both sides will continue to step up cooperation and communication. Since being appointed as Minister in June 2017, Jake has been in charge of the revitalization and development in the north of England, which is called "Northern Powerhouse". He believed that Suzhou has the potential for cooperation with several cities in the north of England, especially in the fields of high-tech manufacturing, finance, healthcare and energy.

During his visit in Suzhou, Jake also visited the Exhibition Center, Jingcheng Neighborhood Center, Community Club and Xi'an Jiaotong-Liverpool University.



PROF DONAL BRADLEY AWARDED HONORARY DEGREE BY HKBU



At its 58th Commencement and Honorary Doctoral Degrees Conferment Ceremony on Monday 13 November, Hong Kong Baptist University (HKBU) awarded a Doctor of Science, honoris causa to Professor Donal Bradley, Head of the MPLS Division 'for his untiring efforts in scientific research and internationally acclaimed contributions to the development and application of molecular electronic materials'.

Referring to Professor Bradley as 'one of the pioneers of plastic electronics', Professor Cheah Kok Wai, Head and Chair Professor of the Department of Physics at HKBU, said 'the invention of conjugated polymer LEDs launched the field of plastic electronics research and if one looks back along its subsequent path, one can see the many significant contributions to the science and application of molecular electronic materials and devices that Professor Bradley has made, leading to him becoming one of the most highly cited materials researchers in the world'.

See also the item on the HKBU website at
http://hkbukenews.hkbu.edu.hk/?t=enews_details/2122

Prof Donal Bradley

(Doctor of Science, honoris causa)



Professor Donal Bradley is Head of the Mathematical, Physical and Life Sciences Division at the University of Oxford in the UK.

Professor Bradley is a renowned experimental physicist with a research focus on plastic electronics. He is the co-inventor of conjugated polymer electroluminescence which has led to many application-focused activities and patents, and he has championed various new initiatives in cross-faculty research. As an ISI Highly Cited researcher, he is among the top 1% most cited authors in the world for publications in materials science over the past decade.



His research achievements have been recognised by numerous awards and fellowships, including Commander of the Order of the British Empire (CBE), fellowship and Brian Mercer Award for Innovation of the Royal Society, fellowship and Michael Faraday Medal and Prize of the Institute of Physics, and fellowship and Faraday Medal of the Institution of Engineering and Technology in the UK. He is also an editorial board member of several renowned journals and research funding panels.

Prior to joining the University of Oxford in 2015, Professor Bradley had held various important academic positions, including Imperial College London's Vice-Provost (Research) and Head of the Department of Physics, and he had also worked at the University of Sheffield and University of Cambridge.



He obtained his Bachelor of Science and Associateship of the Royal College of Science at Imperial College London and completed his PhD studies at the University of Cambridge. He was conferred a Doctor of Science, honoris causa, by the University of Sheffield in the UK.

For a brief introduction on the honorary doctorate recipients, please visit:
http://hkbuenews.hkbu.edu.hk/?t=enews_details/2037



Visit from Monash Suzhou & The University of Sydney Centre in China



On 17th November, 2017, Chris Wen (General Manager of Monash Suzhou), Judy Deng (Operation Manager of the University of Sydney Centre in China) and John Zheng (Executive Assistant of USCC) visited OSCAR and had a friendly and in-depth exchange with OSCAR administration team.

After briefly introducing the development progress of OSCAR, experiences, suggestions and modes of administrative management were exchanged and the newsletter published by OSCAR was highly praised. Located in Suzhou Dushu Lake Science and Education Innovative District, Monash Suzhou and USCC share similar management mode, which can offer reference for OSCAR. In order to enhance experience sharing and cooperation, an agreement to hold meetings regularly was reached during the visit.



Monash Suzhou

The Monash-Southeast University partnership is an Australia-China joint venture which aims at establishing a world-class research and training institute in China through a combined effort of Monash University (Monash) and Southeast University (SEU). The Monash-SEU partnership consists of the Joint Graduate School (JGS) and the Joint Research Institute (JRI).

The Joint Graduate School (JGS) and the Joint Research Institute (JRI) are located in the Suzhou Industrial Park (SIP) in the city of Suzhou - one of the most developed cities in China which takes just half an hour by high speed train from Shanghai.

Monash is honoured to be the first Australian university to receive a licence to operate a Joint Graduate School in China in offering postgraduate degrees at the masters and PhD levels. Monash's international collaboration at Suzhou with the Southeast University (SEU) – one of China's key national universities – is producing postgraduates and researchers with ideas to change people's lives in the region and the world for the better. The 60,000-square-metre building that houses the Joint Graduate School has cutting-edge facilities to support education and future research activities in a range of disciplines including arts, art and design, business, IT and engineering. The Joint Graduate School is currently offering programs including: Double Masters Programs (by coursework), Joint PhD Programs and International PhD Programs.

The Joint Graduate School is complemented by the Joint Research Institute (JRI) to conduct multi-disciplinary research projects in areas of strategic importance to industry in Australia and China. JRI performs a range of functions including but not limited to:

- To capitalise on Monash's and SEU's research strengths across the disciplines of engineering, health, science, technology, design, business and humanities.
- To ensure strong collaboration between pre-eminent researchers of both universities.
- To encourage cross-disciplinary research and research of strategic impact with industries, other research partners in China, Australia and globally.
- To provide incentives to attract top local, national and international research students and researchers
- To broaden and strengthen the research funding base.
- To enhance and optimise use of research platforms.

Currently, seven research themes that address strategic issues of mutual interest have been identified for initial focus, including:

- Advanced Materials and Manufacturing
- Bioinformatics and Systems Biology
- Bio & Nano Technology
- Energy Theme
- Engineering Technology for Intelligent Health Management System
- Simulation and Modelling (of Particulate Systems)
- Water Sensitive Cities

JRI aims to attract outstanding researchers and high calibre research students. Research is not limited to the above themes only, and research in other areas will also be strongly encouraged and nurtured. It is the intention to build up a critical mass of researchers at the JRI and strengthen relationships in R&D with local and international industries and other institutions in China.





Suzhou Centre fully comes into service

Suzhou Centre fully came into service on 11th Nov, attracting more than 400,000 local residents within the first three hours after its opening.

Located in the west of Jinji Lake, SIP, Suzhou Centre is hailed as a new landmark project that plays a significant role in boosting the further development of both SIP and the Suzhou city.

Launched in 2010 with a total investment of about RMB 18 billion, the project consists of seven high-rises accommodating offices and apartments, a large commercial complex with various stores as well as a number of auxiliary facilities like hotels, covering a total land area of 16.7 hectares and a total floor area of 1.13 million sqm.

According to the developer Suzhou Hengtai Holdings Group, the project boasts a multi-mode traffic network for easy access and parking as well as ingenious spatial design that manifests farsighted and eco-friendly development concepts.

11th November, 2017

http://www.sipac.gov.cn/english/news/201711/t20171113_640058.htm



Johnson & Johnson to produce patented devices in Suzhou

Johnson & Johnson Medical Companies broke ground for its new Ethicon factory on Thursday in Suzhou of East China's Jiangsu province, in an attempt to address the health problems faced in the country.

The new Ethicon factory has attracted a total investment of \$180 million. The factory will be responsible for the manufacturing of Johnson & Johnson's patented medical devices, such as triclosan-coated sutures, endoscopic staplers and linear cutters. These surgical products will be used to treat critical diseases such as lung cancer, liver cancer and gastric cancer.

Johnson & Johnson set its first footstep in Suzhou in 2006 by starting a factory for orthopedic products. Five years later, it set up the Asia-Pacific research and development centre in Suzhou.

According to China Medical Pharmaceutical Material Association, China's medical devices market size has surged from 53.5 billion yuan (\$8.1 billion) in 2007 to 370 billion yuan in 2016. The compound average growth rate comes at 23.97 percent, which is much faster than the 8 percent global average growth rate.

(It is an excerpt. See more from the link below.)

By Shi Jing in Suzhou, Jiangsu, China Daily
3rd November, 2017

http://www.chinadaily.com.cn/business/2017-11/03/content_34059117.htm

5 cities playing bigger digital role

Five second-tier cities—Chengdu, Suzhou, Nanjing, Wuhan and Xi'an—are representative on the Chinese mainland in terms of their rapidly growing skills based in the digital economy, according to a report released on Wednesday.

Shanghai topped the rankings with 122,000 people with skills in the field, accounting for nearly 17 percent of the national total, the report showed.

In Suzhou, neighbouring Shanghai, the number of talents in industries such as manufacturing, medicine, and architecture, with the integration of digital technology, is much larger than that in the basic industries of information, communications and technology, while in most other cities more than half of such talents are in ICT sectors.

The report showed that the number of such talents in manufacturing industry alone comprised 45 percent of the total in Suzhou, far surpassing those in ICT industries, which accounted for 28 percent.

It is closely related to the strategic positioning of the economic development of the city, which began focusing on manufacturing since 1994, said Chen Yubo, director of the CIDG.

"More than 100 of the Fortune 500 companies have built their factories in Suzhou and the city's innovation clusters, including an international technology park and eco-tech area, have taken shape and attracted more than 300 research institutions and high and new tech enterprises," he said.

(It is an excerpt. See more from the link below.)

By Zhou Wenting, China Daily
23rd November, 2017

http://africa.chinadaily.com.cn/business/2017-11/23/content_34880964.htm





CSHL's world wide strategy: Cold Spring Harbor Asia

As biology has grown more prominent in the natural sciences, and the overlap with medicine has strengthened, the CSHL meetings and courses programs have expanded beyond the existing infrastructure at Cold Spring Harbor. Over the past 30 years, they have witnessed profound changes in Asia, particularly in China, yielding some of the most dynamic, robust and promising “economic dragons” in today’s world. This transformation is echoed in the spectacular advances in scientific research throughout the region, growth that CSHL believes deserves the development of an international hub for scientific exchange within Asia.

CSHL is building upon the success of its educational programs through the development of an equivalent program in Asia and the Pacific Rim, to be centered in Suzhou, China – Cold Spring Harbor Conferences Asia (CSHCA). CSHA’s principal aim is to develop and operate an annual program of scientific conferences in Asia modeled on the Cold Spring Harbor meeting format and style. This program includes large conferences, training workshops and Banburystyle meetings, covering a broad spectrum of biomedical research topics, including molecular biology, molecular genetics, neuroscience, cancer, developmental and cell biology, and plant biology.

Bringing together CSHL’s long tradition of open scientific exchange, debate with Asia’s rich academic and cultural heritage will help to accelerate scientific discovery, cultivate future scientific stars, and promote collaborations both formal and informal, both national and international, between scientists, fostering friendships that extend well beyond the traditional laboratory bench.



Cold Spring Harbor Asia Suzhou and SIP: ancient past and dynamic future

Suzhou is a 2500-year-old city of 6 million people located about 40 minutes inland by high-speed train from the coastal megacity of Shanghai, population 20 million. Suzhou’s old town has been preserved, recognized the world over as a treasured cultural site. The city’s peerless gardens are among the World Heritage Sites listed by UNESCO. The old city is equally famous for its canals and thousand stone bridges, which evokes references to Suzhou as the “Venice of the East.”

On the eastern outskirts of Suzhou, Suzhou Industrial Park (SIP) is the largest economic and technological cooperation project between the governments of China and Singapore. Basically, as a new high-tech city, SIP is home to 400,000 people and major industry clusters in electronics, IT, biopharmaceuticals, medical devices, optoelectronics, aeronautics and astronautics. SIP has attracted tens of thousands of invest

ment projects by local and foreign companies, attracting more than 15% of Fortune 500 multinational corporations. The biotechnology cluster, Biobay, is host to more than 170 biotech start-ups and early stage companies. SIP is now rapidly evolving into a major centre for high tech R&D, particularly in the field of biotechnology, pharmaceuticals and nanotechnology. SIP’s partnership with Cold Spring Harbor Laboratory reflects the city’s growing interest in attracting world-class educational and academic programs, and offers the opportunity for CSHL to establish an important life sciences hub within Asia in a dynamic, accessible and vibrant location.

For more information of Cold Spring Harbor Asia, please visit:

<http://www.csh-asia.org>

OXFORD



SUZHOU



Building A,388 Ruo Shui Road, Suzhou Industrual Park, Jiangsu, 215123, P.R. China



0086-512-62869088



info@oxford-oscar.cn