



**2017**  
SEPTEMBER

▶  
**OSCAR**

NEWSLETTER 002

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牛津大学高等研究院（苏州）

OXFORD SUZHOU CENTRE FOR ADVANCED RESEARCH



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## WELCOME MESSAGE

This is a wonderful moment for Oxford science and engineering as we embark on the creation of our first overseas research centre.

Our ambition is that OSCAR will become a paradigm of scientific excellence focused on global challenges – an ambition that will be greatly assisted by our location in Suzhou.

We very much look forward to working closely with the Suzhou Industrial Park and our academic and industrial collaborators in Jiangsu province and elsewhere in China to progress a range of exciting societal and economic development opportunities.

Professor Donal D.C. Bradley

Head of the Division of Mathematical, Physical and Life Sciences

Professor of Engineering Science and Physics

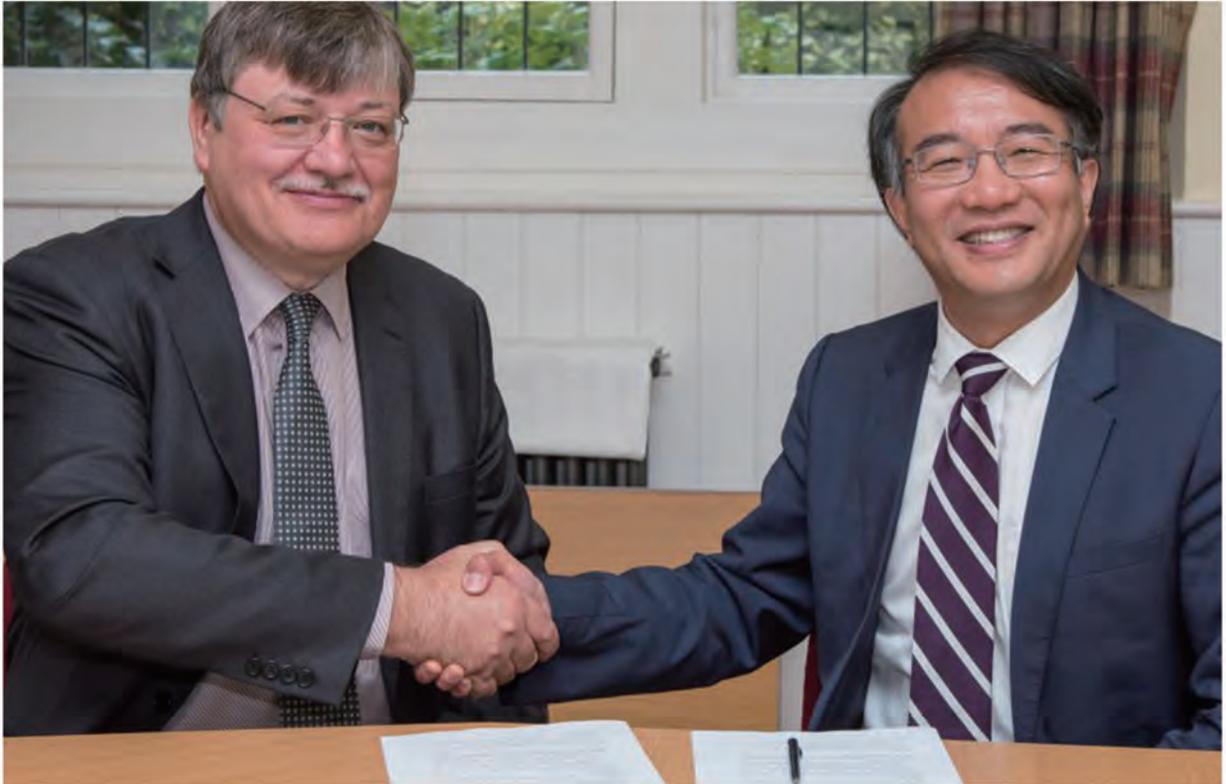
University of Oxford



## OSCAR was mentioned in VC's Oration

OSCAR was mentioned as one of the highlights of research development at the University of Oxford of the past year in Vice-Chancellor, Professor Louise Richardson's Oration on 3 October 2017.

“The MPLS Division have launched a major new research centre in Suzhou, near Shanghai, called OSCAR (the Oxford Suzhou Centre for Advanced Research). This will bring our researchers into close contact with more than 90 Fortune 500 companies located in Suzhou, leading to faster adaptation of new research into commercially available technology. It will also allow us to expand our research enterprise by creating new lab teams with access to the outstanding scientific kit on site in Suzhou.”



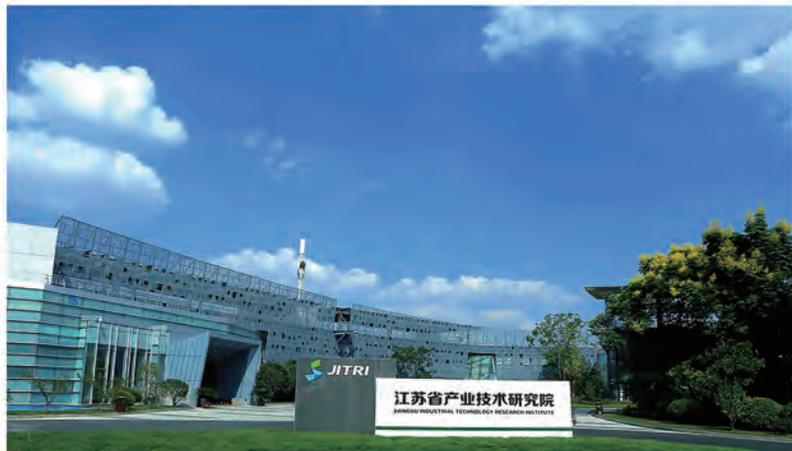
## MPLS Division signed a MoU with JITRI

Oxford University has entered into a partnership with the Jiangsu Industrial Technology Research Institute (JITRI), which will support a number of science research developments.

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Earlier this month, the University of Oxford's Mathematical, Physical and Life Sciences Division signed a Memorandum of Understanding (MoU) with Jiangsu Industrial Technology Research Institute (JITRI).

The agreement provides a general framework for Oxford and JITRI to support joint research projects through a fund dedicated to strengthening technological innovation and industrial research and development in the Jiangsu Province in China.



The work will take place as part of the Oxford Suzhou Centre for Advanced Research (OSCAR), a multidisciplinary research, innovation and technology centre.

Announced in December 2016, OSCAR will focus on research challenges and technologies that both complement the centre's location and capitalise on the

University's strengths as a centre of academic research excellence.

OSCAR will be the University of Oxford's first overseas centre for physical science and engineering research, primarily expanding on activities from across the University's Mathematical, Physical and Life Sciences Division. As a multi-disciplinary research, innovation and technology centre, it will initially focus on biomedical engineering, biomedicine, advanced functional materials, energy, environmental technology, financial mathematics, computer science and the health industry. (from <http://www.ox.ac.uk/>)

Professor Donal Bradley, Head of the Mathematical, Physical and Life Sciences Division at Oxford, said: 'Our ambition is that OSCAR will become a paradigm of scientific excellence focused on global challenges for which the location in China provides a key context' .



The partnership with JITRI is intended to address developments and innovations in a number of research fields, including biomedical engineering, life sciences, environmental protection and manufacturing technologies.

Under the agreement, a full-time OSCAR-JITRI Fellow will be appointed to facilitate collaboration and enhance links with JITRI's specialized research institutes.

Professor Qing Liu, the President of the Jiangsu Industrial Technology Research Institute (JITRI), said: 'JITRI's goal is to make the top scientific research results be actually applied by building relationships with leading universities around the world and also to help scientists to achieve their ideals.'



Local media interviewed Prof Cui in early September in Suzhou.

The reporter asked, “Late last year, Suzhou Industrial Park (SIP) signed an agreement with the University of Oxford to set up Oxford Suzhou Center for Advanced Research (OSCAR) in SIP. And what is the progress of the OSCAR now?”

“I am now in the building of OSCAR, located at Suzhou National University Science and Technology Park of Nanotechnology in Suzhou Dushu Lake Science and Education Innovation District. It is a nine-story building with an area of about 20,000 square metres (215300 sq.ft).”

“For now, we can see it is a roughcast building. I am now at the first floor which will be arranged into an exhibition hall to show the history and the research development of the University of Oxford and OSCAR.”

“The University of Oxford is a world-renowned research-oriented university with great strength on education and scientific research. OSCAR will match the needs of the development on emerging industries of SIP. And the phase one will focus on biomedical engineering, advanced functional materials, environmental technology and energy technology fields.”

“In more than 800 years of the University of Oxford’ s history, OSCAR is the first established interdisciplinary institute outside the United Kingdom.”

Professor Cui said, “The technologies of the University of Oxford will be continuously delivered to OSCAR. And through this platform, these techs will be transferred and incubated to develop industry in China. “

“The facility of OSCAR is expected to be ready in the second half of 2018. Upon completion of the building, there will be a number of laboratories, offices, as well as technology transfer institutions and incubators.”

“Our team is staffed by full-time professors of the University of Oxford and they decide what the core research programs will be. The 13 professors are the first group, and there will be more professors to join the second and third group.”



## Local media SBS interviewed Professor Cui



## THE PROGRESS OF OSCAR

OSCAR WAS INCORPORATED AND BEGAN ITS FULL OPERATION RECENTLY, FOLLOWING THE WFOE REGISTRATION, BANK ACCOUNT OPENING, STAFF RECRUITMENT AND OFFICE RELOCATION. NOW, YOU CAN LOCATE OSCAR BY VISITING ITS TEMPORARY OFFICE AND MEET WITH THE TEAM MEMBERS.

OSCAR  
牛津大学-苏州先进研究中心  
Oxford Suzhou Centre for Advanced Research

## TEMPORARY OFFICE

OSCAR WAS RECENTLY MOVED INTO A 300 SQUARE METRE TEMPORARY OFFICE ADJACENT TO ITS BUILDING. THE FURNISHED OFFICE WILL BE ABLE TO ACCOMMODATE THE NEEDS OF OSCAR ADMIN AND RESEARCH TEAMS BEFORE THE FIT-OUT OF ITS BUILDING COMPLETES BY LATE 2018.



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## Meet OSCAR' s Admin Team

The first wave of OSCAR admin team members were recently on board in their respective roles above. Meet and find them by the above contact information.

# Headline news of SIP in September



## SIP government's policy supports the development of HQ

Recently, Suzhou Industrial Park (SIP) government issued its policy on supporting the development of the corporate headquarters, such as housing benefits, employment protection and reward for contribution, talent awards and optimization services to accelerate the HQ economic development in SIP.

By the end of 2016, there were 36 headquarters of multinational companies and functional bodies (provincial headquarters) based in SIP.

By Yuwen/Yuanxuan From 'Suzhou Daily'

## An innovative revolution in emerging industries is brewing in SIP

At present, SIP lays emphasis on planning, guiding and fostering the application of biomedicine, artificial intelligence and nanotechnology. These three strategic emerging industries are developing rapidly. In 2016, they achieved output value of 48 billion Yuan, 35 billion Yuan and 38 billion Yuan respectively, and maintained an average annual growth rate of around 30%.

From 'Suzhou Daily'

## SIP won the first batch of National Green Industrial Park

Recently, the Ministry of Industry and Information issued the first batch of green manufacturing demonstration list in 2017. As one of the three awarded industrial parks in Jiangsu Province, Suzhou Industrial Park(SIP) successfully ranks among the first batch of 24 National Green Industrial Park in China. It fully demonstrates the innovative measures and achievements of SIP on promoting green development continuously.

From 'Suzhou Daily'



## Canadian delegation visits SIP to deepen cooperation

The delegation from Nova Scotia province of Canada held a promotion forum in Suzhou on 9 September to seek more cooperation opportunities. The delegation members visited SIP for a better understanding of its development plans and overseas cooperation intentions after the forum.

From <http://www.sipac.gov.cn>

## Neighbours of OSCAR



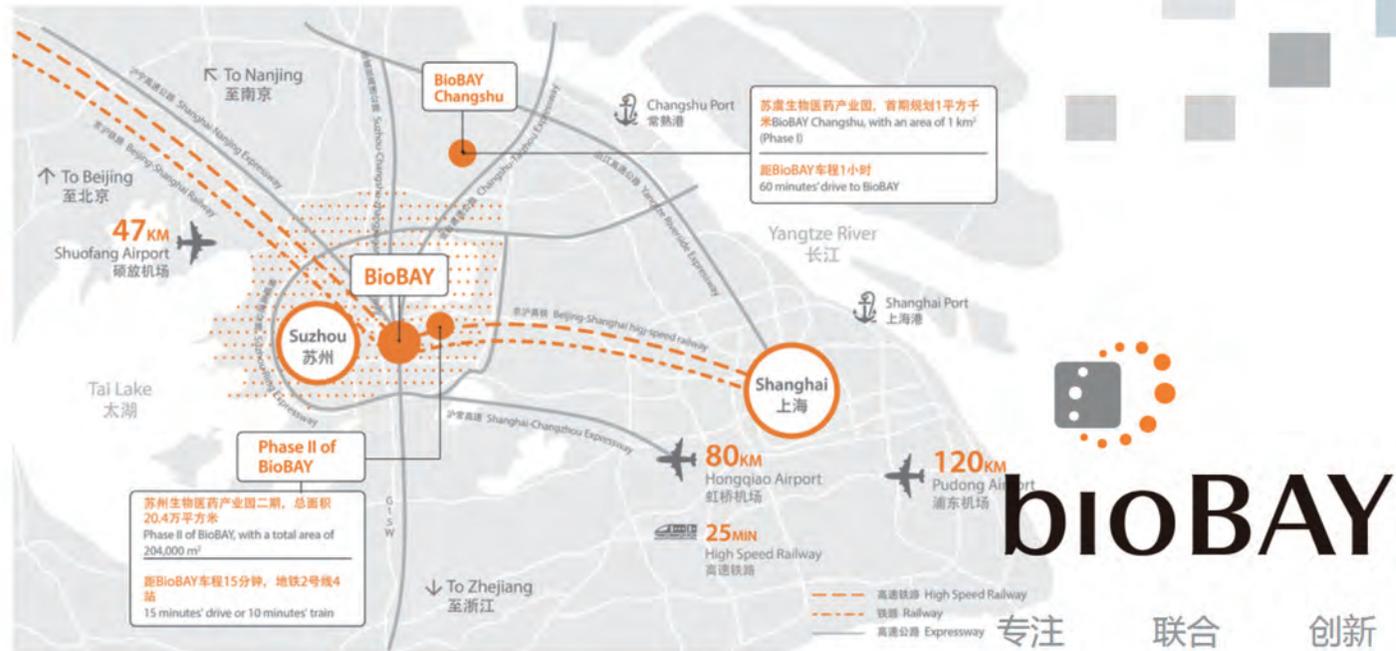
Oxford University Innovation Limited (OUI) is Oxford University's technology commercialisation company. Created in 1988 OUI helps research commercialise its research results through consultancy, patenting and licensing and the creation of spinout companies.

OUI concludes around 100 licence agreements a year and has established a portfolio of more than 100 spinout companies; several have listed on the London Stock Exchanges.

Isis Jiangsu (Isis Suzhou and Isis Changzhou) is the branch offices of Oxford University Innovation Limited in China and provides a focal point in Asia for cooperation between OUI and collaborators from Asia. The business scope of Isis Jiangsu is technology scout, projects transfer, form spin-outs, technology licensing, professional training and fund raising.

[www.innovation.ox.ac.uk](http://www.innovation.ox.ac.uk) / [www.isis-jiangsu.com](http://www.isis-jiangsu.com)





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<http://www.biobay.com.cn>



## Neighbours of OSCAR



### 中国科学院苏州纳米技术与纳米仿生研究所

Suzhou Institute of Nano-tech and Nano-bionics (SINANO), Chinese Academy of Sciences

The Suzhou Institute of Nano-tech and Nano-bionics (SINANO) was jointly founded in March 2006 by the Chinese Academy of Sciences (CAS), the government of Jiangsu Province, the government of Suzhou City and the Suzhou Industrial Park. The institute occupies over 60,000 square meters of land and has 150,000 square meters of lab and office space. SINANO has a staff of 499, 23 percent of whom have overseas working experience, and 50 percent of whom have a Ph.D. Among SINANO' s personnel are two CAS academicians, 23 National Thousand Talents Program fellows, six recipients of the National Distinguished Young Scholar Award, and 42 CAS Hundred Talents Program scholars.



SINANO' s research focuses on science and technology related to information, energy, life sciences and the environment. The institute comprises eight independent research departments. To date, seven of the institute' s laboratories have become key laboratories of Suzhou City, one has become a CAS key laboratory and one has been jointly established by the Ministry of Science and Technology and the government of Jiangsu Province. SINANO researchers have so far published over 1600 SCI articles in high impact international journals, including *Advanced Materials*, *Journal of the American Chemical Society*, *Nano Letters* and *ACS Nano*, etc.

<http://www.sinano.cas.cn>





OXFORD



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