

**Bournemouth
University**



FESTIVAL of LEARNING

China

**2017 RCTI and CIH
Innovation Forum:
Embracing innovation in China**

Research Centre for Technological
Innovation, Tsinghua University and
China Innovation Hub,
Bournemouth University

19 May 2017

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Key

These icons show the type of event

Activity type



Interactive workshop



Lecture/talk



Exhibition



Cultural performance

Audience type



General audience



Academics and students



Businesses/industry/NGOs

Photography and filming

Photographs and video footage will be taken at the GFOL for use in promotional material. If you do not want to be featured, please let us know at the registration desk.



We are delighted to welcome you to our annual China Innovation Forum which is jointly organized by the Research Centre for Technological Innovation, Tsinghua University and China Innovation Hub, Bournemouth University.

The China Innovation Forum will bring academics, researchers and practitioners from both China and UK to share knowledge and expertise in areas of technology management and innovation and address innovation challenges facing both West and East in the 21st century. The China Innovation Forum is an integral part of the Global Festival of Learning China programme in 2017, which is a celebration of learning and showcases BU's world leading research and global innovation expertise and disseminate knowledge and learning through global engagement with our key partners in China

Together with the Research Centre for Technological Innovation, Tsinghua University, we have arranged a programme of keynotes, plenary sessions and interactive roundtable discussions covering topics ranging from the explanation of China's economic growth and underpinning innovation model at national level, to the policy and enterprise level in terms of creating sustainable competitiveness for Chinese firms via technological and social innovation. We look forward to engaging and sharing thoughts with colleagues and people during the China Innovation Forum hosted by RCTI at Tsinghua University.

Dr Sonal Minocha, Pro Vice-Chancellor (Global Engagement)

Professor John Fletcher, Pro Vice-Chancellor (Research and Innovation)



Research Centre for Technological Innovation, Tsinghua University

The RCTI was founded in March 2000. Developed out of the major subjects of Management of Technological Economics, Tsinghua University, and headed by Professor Emeritus Jiaji Fu. One of the forerunners in conducting research on technological innovation – RCTI is a major key research program sponsored by the National Natural Science Foundation of China. The RCTI has also taken on many other research projects sponsored by the Central Government, provincial and ministerial governments, enterprises, and other organizations.

The vision of the RCTI is to further enhance academic research standards whilst retaining its current innovative institutional system in order to become a first-rate, global research institution and

think tank which has influential academic papers in internationally authoritative academic journals. The centre will develop long-term institutional cooperation with international research institutions for world-class scientific collaborations, in order to produce ground-breaking research outcomes that are influential at both national and global levels. The RCTI aims to assist in critical governmental decision making processes and share our research results as a form of support, and also to provide guidance to corporations in their practice of innovation management to help generate both social and economic benefits.

China Innovation Hub, Bournemouth University

The China Innovation Hub (CIH), is one of the Global Hubs of Practice at Bournemouth University. The CIH brings together expertise across BU with our counterparts in China to engage in global innovation and create global impact and is committed to contribute to China's ambition to be a world leading innovation economy by 2020.

Our mission is to address the dynamic global challenges and opportunities that industries and regions in China face in achieving sustainable growth through world-class research. This research covers areas of understanding which include: China's Rise through the model of China's 和 (he) Innovation; the Triple Helix model of university-government-industry collaboration and creating

innovative regions; innovation and entrepreneurship; creative production and computer animation; international disaster management; and cyber innovation and technology innovation and manufacturing 4.0.

The CIH adopts a transdisciplinary approach that brings together expertise across departments, faculties and research centres across BU in the fields of business management, media & communication, science & technology and health & social science. We will deliver global impact through co-creation and co-production of high-quality research and building a highly networked and impactful local presence in China with our key partners and stakeholders.



Tsinghua x-lab visit

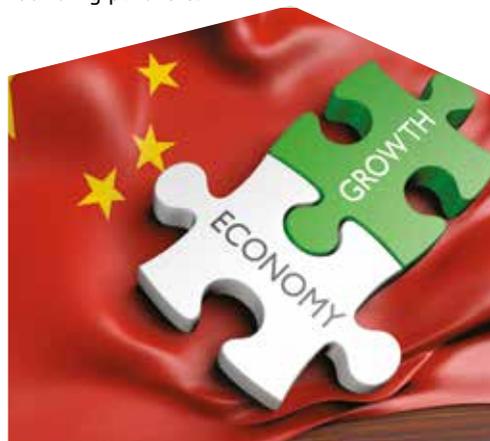
 16:00



Tsinghua's x-lab is a university-based education platform designed to foster student creativity, innovation and entrepreneurship. It brings together Tsinghua students, faculty, alumni, experienced entrepreneurs, investors and experts from across society.

'X' in the platform's name refers to the mission of pursuing the unknown at the intersection of multiple academic disciplines and needs. 'Lab' emphasizes the experiential, collaborative and action-based process that is core to the x-Lab's approach to learning. These form the basis of the three unique value propositions that the x-lab offers: linkages among multiple disciplines within Tsinghua, integration of resources within and outside the university, and new learning methods to develop individual and team capabilities to generate business model innovations and support social activism.

Officially launched in April 2013, the x-lab operates under the auspices of the School of Economics and Management and links 14 schools and departments across Tsinghua University, including Mechanical Engineering, Natural Sciences, Information Science and Technology, Arts and Design, Medicine, Aerospace, Environment, Architecture, Materials Science and Engineering, Public Policy and Management, Journalism and Communication, Law, and Engineering Physics. The Tsinghua Entrepreneur & Executive Club (TEEC) and Tsinghua Science Park (TusPark) are strategic founding partners.





Event programme

08:30 **Coffee and registration**
BU posters and exhibition

09:00 **Welcome**
Professor Chen Jin, Director of Research Centre for Technology and Innovation, Tsinghua University
Dr Lucy Lu, Principal Investigator for the China Innovation Hub and Associate Dean (Global Engagement), Faculty of Management, Bournemouth University

09:10 **Keynote: China's innovation legacy and rise**
Professor Genhong Kong, Executive President, Outlook China, Hong Kong

09:40 **Guest speaker:**
Professor Li Pengde, Deputy Director, National Administration of Surveying, Mapping and Geoinformation.

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- 10:00 **Keynote: BU's Hubs of Practice: Driving global thinking through innovation**
Dr Sonal Minocha, Pro Vice-Chancellor
(Global Engagement), Bournemouth University
Dr Lucy Lu, Principle Investigator for the China
Innovation Hub, Bournemouth University
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- 10:30 **Refreshments**
Group Photo
-
- 10:45 **Keynote: Global innovation trends and UK-China collaboration**
Professor Chen Jin, Director of Research Centre for
Technology and Innovation, Tsinghua University
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- 11:15 **Keynote: China's embracing innovation leads to the future**
Professor Richard Li-Hua, Visiting Professor,
Bournemouth University
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- 11:30 **Plenary session:**
The rise of China: Building Chinese management theories and creating innovation-based competitiveness for Chinese firms
Chair: Dr Lucy Lu; Professor Jin Chen
-
- 12:30 **Lunch**
BU CIH Innovation Research Showcase
-
- 13:30 **Entrepreneurship and resilience: Disaster management in cyber space**
Professor Lee Miles, Acting Deputy Dean Research and
Professional Practice; Co-Investigator China Innovation
Hub, Bournemouth University
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- 13:45 **Who are the future entrepreneurs?**
Professor Jiasu Lei, Director, Center for Enterprise Growth and National Economic Security Research, Tsinghua University
Dr Lucy Lu, Associate Dean (Global Engagement) Bournemouth University
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- 14:00 **Disruption in the digital age: Rethinking big data**
Dr Xiaosong Yang, Faculty of Media and Communication, Bournemouth University
Dr Zhidong Xiao, Faculty of Media and Communication, Bournemouth University
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- 14:15 **Transforming health in the digital age: Virtual reality in orthopaedics treatment**
Dr Tom Wainwright, Deputy Director of Orthopaedic Research Institute, Faculty of Health and Social Science, Bournemouth University
- Technology and self-management health problems**
Dr Carol Clark, Faculty of Health and Social Science, Bournemouth University
Professor Hongnian Yu, Bournemouth University
- Mobile health management and key influencing factors**
Dr Zhibin Lin, Northumbria University
Dr Lucy Lu, Bournemouth University
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- 15:00 **Transforming manufacturing in China: Industry 4.0 and robotics**
Professor Hongnian Yu, Bournemouth University
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- 15:15 **Keynote: Inspirational women in sports**
Susannah Rodgers MBE, Paralympic Gold medallist swimmer
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- 15:35 **Closing remarks**
 Dr Lucy Lu, Associate Dean (Global Engagement),
 Faculty of Management, Bournemouth University
 Professor Chen Jin, Director of Research Centre for
 Technology and Innovation, Tsinghua University
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- 15:45 **Refreshments and networking**
-
- 16:00 **Tsinghua x-lab visit**
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Keynote: China's embracing innovation leads to the future

Professor Richard Li-Hua, Visiting
 Professor, Bournemouth University



11:15



Plenary Session: The rise of China:
 Building Chinese management
 theories and creating innovation-based
 competitiveness for Chinese firms

- What's behind The rise of China
- What is the theoretical underpinning of Chinese management
- What are the core competencies of Chinese firms
- How do Chinese firms brand themselves globally?

Chair: Dr Lucy Lu; Professor Jin Chen

Invited Panellists:

Professor Richard Li-Hua, Visiting
 Professor, Bournemouth University

Professor Fang Zhulan, Director
 of Innovation Institute, Shenzhen,
 Renmin University

Professor Gao Yan, Guanghua
 Management School, Beijing University

Professor Xudong, Gao, Vice-Dean
 of Tsinghua Schwarzman College,
 Tsinghua University

Professor Lee Miles, Acting Deputy Dean
 Research and Professional Practice;
 Co-Investigator China Innovation Hub,
 Bournemouth University

**SPEAKER
PROFILES****Dr Sonal Minocha**
**Pro Vice-Chancellor (Global
Engagement), Bournemouth University**

Sonal has over ten years of senior management experience across the public and private sectors in global HE. Sonal started her career as a business graduate before moving into a teaching career which started at the University of Northumbria, UK. Since then, Sonal has worked in both public and private sectors of Higher Education globally. In recent years, she held the position of Executive Dean at the University of Bedfordshire Business School before joining Bournemouth University in the summer of 2014.

Her appointment as Pro Vice-Chancellor (Global Engagement) brought with it a re-energised institutional approach towards internationalisation and the creation of a long-term vision for a Global BU that is anchored to, and complimentary of, the University's wider strategic vision. The fusion of employability with internationalisation through the pioneering Global Talent Programme is one of the key areas of work that Sonal has led at BU.

Her main academic interests lie in exploring global higher education, graduate employability, management education and practice, strategic creativity and organisational learning.

Dr Li Pengde

Deputy Director General - National Administration of Surveying, Mapping and Geoinformation of China

Dr Li Pengde is Co-Chair of the United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM). He is also the former President and the current Secretary General of the Regional Committee of United Nations Global Geospatial Information Management for Asia and the Pacific (UN-GGIM-AP). He holds a Master's degree in Geographic Information Systems for Cadastral Applications from the International Institute for Aerospace Survey and Earth Sciences (ITC), the Netherlands, and a PhD in Geographic Information Systems from Wuhan Technical University of Surveying and Mapping. Dr Li has worked at different technical and management positions in the provincial and national surveying, mapping and geoinformation agencies for more than 30 years. He is also the Co-Chair of the Programme Board, Group on Earth Observations (GEO).

Professor Genhong Kong

Executive President, Outlook China, Hong Kong

Professor Kong is a well-known leading expert in international politics, foreign political systems, as well as China's foreign policies and strategy. Since 1995 onwards, he served as a senior official within the central government including CPC Central Committee Department of External Relations. He is also a visiting professor in Wuhan University.

Professor Richard Li-hua

Distinguished Visiting Professor, Bournemouth University

Key expertise: International development and branding & marketing in global higher education and international business between West and East.

Professor Li-hua is known for his research on China's innovation and innovation strategy where he conceptualized China's innovation as "Embracing Innovation" based upon the premises of his study of the features and characteristics of innovation in his monograph *Competitiveness of Chinese Firms: West Meets East*. He is also Distinguished Visiting Professor of Bournemouth University, UK, Penn State, US and Sun Yat-sen University, China. He was former President of SIAS International University, China. He is also the Founder and President of CAMOT.

Professor Chen Jin**Director of Research Centre for Technological Innovation, Tsinghua University**

Prof Chen Jin is a professor in the Department of Innovation, Entrepreneurship and Strategy in Tsinghua University School of Economics and Management. He received his Bachelor in chemical process control in the Department of Chemical Engineering from Zhejiang University in 1989; and Ph.D. in Management Engineering in the Department of Management also from Zhejiang University in 1994. Dr. Chen Jin went to MIT Sloan School of Management in 1998 as a visiting scholar. In 2000, he went to SPRU of Sussex University as a visiting fellow. Dr. Chen Jin has been awarded Special Government Allowance from the State Council of China, and the Huo Yingdong Youth Teacher Prize and the Third “Young university teachers award” from the Ministry of Education of China. He awarded the Outstanding Youth Fund in 2002 by National Science Foundation of China. In 2009, he was selected for China’s National Talents Project. In 2014, Professor Chen Jin was honored as a distinguished professor of Chang Jiang scholars, and actually he is the first Chang Jiang scholar in the field of China’s technological innovation management. Dr Chen worked as the Executive Vice Dean of the Undergraduate School and the Chu Kechen Honors College before joining Tsinghua SEM. His research and teaching mainly focuses on management of technological innovation. He serves as the chief editor of “Journal of Knowledge-based Innovation in China” and “Review of Evolutionary Economics and Economics of Innovation” and a number of top international journals.

Professor Jiasu Lei**Director, Center for Enterprise Growth and National Economic Security Research, Tsinghua University**

Key expertise: Technological innovation, entrepreneurship and growth of corporations, theory on national economic security.

Professor Lei has been the project leader or a key member of several research projects sponsored by the Ministry of Commerce of China, State-owned Assets Supervision and Administration Commission of the State Council of China, and the Ministry of Education of China. He co-authored the development report of innovation and entrepreneurship education in the chapter about Chinese universities. He has conducted research on the impact of national science and economic policies, the development of high-tech entrepreneurship in China and evaluation of national economic security. Dr Jiasu Leih has won Baogang’s excellent teacher prize, a national prize for entrepreneurship teaching, a Beijing municipality prize for excellent entrepreneurship teaching, second prize from the Ministry of Commerce, and Tsinghua University’s Outstanding Teaching Award.

Dr Lucy Lu**Associate Dean, Global Engagement,
Faculty of Management, Bournemouth
University**

Key expertise: Inter-disciplinary research on innovation management including triple helix model innovation, entrepreneurial education (EE) in global higher education, innovation in management education from east and west perspectives. Recent research has been focused on health innovation and innovation in creative and culture industries.

Lucy has more than 15 years' experience in global higher education management and has been in a number of academic and leadership posts including Director of MBA Programmes, Director of China Studies and current leadership role as Associate Dean (Global Engagement) in the Faculty of Management, Bournemouth University. Meanwhile Lucy leads the BU's China Innovation Hub team which consists of researchers and professors across BU working on China related innovation projects. Lucy has been General Conference Chair of China Association for Management of Technology (CAMOT) since 2008. Lucy is the founding editor of the Journal of Knowledge-based Innovation in China and is also the Associated Editor of International Journal of Innovation Studies. She holds Visiting Professorship in Henan University, Beijing International Study Universities, and Tongji University in China.

Professor Lee Miles**Co-Investigator, China Innovation
Hub, Professor of Crisis & Disaster
Management, Disaster Management
Centre, Faculty of Management,
Bournemouth University**

Professor Miles' research examines the role of political and policy entrepreneurs in shaping foreign policy management and emergency responses to crises and disasters. He is developing concepts of 'entrepreneurial resilience' in international crisis and disaster management. He has been awarded the prestigious title of Jean Monnet Professor twice by the European Commission in recognition of his expertise in the field of research and teaching on the European Union and crisis management. He is particularly associated with the application of fusion theory. He is presently co-directing a post-doctoral research project investigating the role of regional crisis diplomacy and policy entrepreneurship during the Ukrainian crisis, funded by Sweden's prestigious Visby Research Programme.

Dr Xiaosong Yang**Co-Investigator
(China Innovation Hub)****Associate Professor in Computer
Animation, Faculty of Management,
Bournemouth University**

Key expertise: Computer animation, motion capture and synthesis, game development and special effects, big data mining, digital health, virtual reality, surgery simulation, computer aided design.

Dr Yang is currently an Associate Professor at the National Centre for Computer Animation, Bournemouth University. He has produced more than 60 peer reviewed publications that include international journal articles, conference papers, and book chapters. As PI and Co-I, he has secured many research grants from European Commission, British Academy, Department for Business, Innovation & Skills (UK), Higher Education Innovation Fund, Wessex AHSN, Royal Bournemouth Hospital, China Scholar Council, etc. His work on muscle modelling and deformation has attracted a lot of interest and has been widely reported by *New Scientist*, *Wiedza I Zycie* and *MIT Technic Review* etc. He has strong research collaboration with partners from China, USA, South Korea, France, Turkey, etc.

Dr Zhidong Xiao

**Senior Lecturer in Computer Animation,
Co-Investigator (China Innovation Hub),
Bournemouth University**

Key expertise: Motion capture, motion synthesis, human-like character animation, physics-based simulation and visual effects, biomechanics and robotics. Dr Xiao is currently a Senior Lecturer, Programme Leader of BA (Hons) Computer Visualisation & Animation, and Global Engagement Lead at the National Centre for Computer Animation, in the Faculty of Media & Communication at Bournemouth University. He has strong link with industries. Working as principal investigator, he had successfully secured and completed many commercial projects for companies from China and SME in the UK and Europe. Working as co-investigator, he has helped the team to secure and complete various Research Council-funded projects.

Professor Hongnian Yu

**Faculty of Science & Technology,
Bournemouth University**

Hongnian is Professor in Computing at Bournemouth University. He has successfully supervised 16 PhD and 16 MRes theses, has trained 11 post-doctoral research fellows, and published over 200 research papers. He has held research grants worth over eight million pounds. He was awarded the F.C. William Premium by the IEE Council. He has won the Gold Medal on The World Exhibition on Inventions, Research and New Technologies, INNOVA 2009, and International Exhibition of Inventions, Geneva, Switzerland, 2010; China Association of Inventors award; the 43rd International Exhibition of inventions, Geneva, 2015. He is serving on three editorial boards and has served on numerous international conference organization committees. He is a member of the EPSRC Peer Review College.

Professor Yan Gao

**Guanghua School of Management,
Peking University**

Yan Gao is Professor of Management Practice and Deputy Director at the Center for Innovation and Entrepreneurship at Peking University's Guanghua School of Management. Professor Gao earned his PhD degree in Finance from Northwestern University Kellogg School of Management. Previously, Professor Gao had held faculty, visiting, and lecturer and positions at China Europe International Business School (CEIBS), California State University, Baruch College (City University of New York), and Northwestern University. He worked as financial analyst in Merrill Lynch Co. and Cathay Financial LLC in New York. His current industry affiliations include co-founder and director of MakeSense Inc., director of listed company Xingyuan Environmental Technology, and co-founder of Alliance Business Consulting. He is a CFA charter holder and former vice president of The Chinese Finance Association (TCFA) in New York.

Dr Carol Clark**Associate Professor, Head of
Department of Human Science &
Public Health, Faculty of Health
& Social Sciences, Bournemouth
University**

Carol is Head of the Department of Human Science & Public Health and is an Associate Professor. Carol has previous experience of healthcare provision in the United Kingdom, Nigeria and the Middle East in private, government and voluntary sector health care. She has specialised and worked with adults and children in the fields of critical care, neurology and musculoskeletal physiotherapy. Carol completed an MSc in Advanced practice Physiotherapy in 2004 at University College London, joined Bournemouth University as a lecturer in 2005 and completed a PhD in 2012. This has led to publications and presentations nationally and internationally in the field of joint hypermobility syndrome, pain and developmental coordination disorder/dyspraxia. Carol's research interests include pain management, physical inactivity, digital health, public health and interprofessional education. She is currently supervising five PhD students and involved in a variety of collaborative research projects using health technology with a number of UK institutions and internationally.

Prof Zhulan Fang**School of Economics,
Renmin University**

Prof Zhulan Fang is a leading researcher in China in areas of China human capital system construction, institutional innovation theory and tacit knowledge management. She is also a visiting scholar at Sussex University and Stanford University.



Tom Wainwright

Associate Professor in Orthopaedics and Deputy Head of Orthopaedic Research Institute, Bournemouth University

Tom Wainwright is a physiotherapist, clinical academic and quality improvement specialist. He has a broad range of orthopaedic and musculoskeletal related research interests, and is internationally recognised for his work on Enhanced Recovery after Surgery (ERAS) protocols within orthopaedics. Tom is passionate about improving the quality of healthcare systems and works to help other healthcare providers improve the quality of their services. Tom has over 12 years' experience of medical device research and innovation. The Institute of Consulting named him as the 2010 Young Consultant of the Year for his work on a portfolio of quality improvement projects.

Susannah Rodgers

Susannah Rodgers MBE is a Paralympic swimmer who has won a total of 30 international medals during her six year career. She won three bronze medals at the London 2012 Paralympic Games and Gold and two bronze at the Rio 2016 Paralympic Games. Susie serves as Non-Executive Director on the Board of the BAC and chairs the Athlete Advisory Group. In addition to this, she is a trustee of the London legacy charity, Spirit of 2012, sitting on the Audit & Risk and Performance & Impact panels. She chairs a sub-committee which focuses on grant work in volunteering, arts and sport for people with disabilities. Susie works full-time as a project manager at the British Council and is actively involved in raising the awareness of women, sport and inclusive agendas.



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