

ISTA Knowledge Transfer Management Forum Series

“East Meets West – Sharing of KT Practices and Models”

Organized by: International Strategic Technology Alliance (ISTA)

Hosted by: The Hong Kong Polytechnic University

Date: 12 November 2012

Venue: M1603, M Core, PolyU

The Background

With universities actively engaging themselves in developmental roles in the community, best practices in knowledge transfer (KT) at both policy and operation levels have increasingly become a topic of interest for both institutional administrators and practitioners. Countries and regions with different regional innovation systems have over time evolved to different practices to sustain related knowledge transfer and commercialization activities, with much cited references accorded to those associated with downstream economic success, such as Silicon Valley (Stanford University), Massachusetts Route 128 (MIT) and Oresund Region (Oresund University) in the West, and Hsinchu, Taiwan (ITRI) and Zhongguancun, Beijing (Tsinghua) in the East. While their success can be characterized with a number of well known attributes associated with policies, resources and community interactions, their approach to knowledge transfer remain distinctively different due to different culture, policies and demands in the community at large.

The Forum

It is in this context that ISTA dedicates this year's KT Management Forum series with the theme: "East Meets West – Sharing of KT Models and Practices" to be held in conjunction with its Annual General Meeting on 12 November 2012. By bringing together institutional administrators and expert KT practitioners from different parts of the world to share their best practices, the Forum aims to cast insights on how various philosophies and models may affect a university's approach to the holistic development of Third Mission practices. Participants will include ISTA member representatives, mostly top executives with institutional portfolio covering R&D and knowledge/technology transfer, senior staff at directorate level overseeing commercialization, officers and stakeholders actively involved in university-industry technology transfer.

The Programme

Time	Agenda
11:00 – 12:30pm	<p>Session 1: International Knowledge / Technology Transfer & Practices from the West (Venue: M1603, Core M, PolyU)</p> <ol style="list-style-type: none"> <p>“University of Waterloo: An Unconventional Approach to Commercialization” Mr Tim JACKSON, Vice-President (University Relations), University of Waterloo, Canada (Presentation file)</p> <p>“Managing and Commercialising Intellectual Property at Queensland University of Technology” Mr Michael MCARDLE, Director, Office of Research, Division of Research and Commercialisation, Queensland University of Technology, Australia (Presentation file)</p> <p>“Technology Transfer for the Public Good: The United States and Korea” Mr Seok-Ho KIM, Head, R&D Performance Management Team, National Research Foundation of Korea (Presentation file)</p>
12:35 – 1:45pm	<p>Networking Luncheon (Venue: Chinese Restaurant, Level 4, Communal Building, PolyU)</p>
1:50 – 3:20pm	<p>Session 2: KT-Driven Regional / National Innovation Systems: Experience from the East (Venue: M1603, Core M, PolyU)</p> <ol style="list-style-type: none"> <p>“Knowledge Transfer for Public Sector R&D: A Singapore Perspective” Mr Cheng-Huat HO, Executive Vice President, Intellectual Property Management Division, Exploit Technologies Pte Ltd , Singapore (Presentation file)</p> <p>“KAIST Model and Practices for Technology Transfer, Commercialization and Entrepreneurial Startup” Dr Hee-Tae KIM, Executive Director, Technology Commercialization Centre, Korea Advanced Institute of Science and Technology (Presentation file)</p> <p>“Innovation System promoting Technology Transfer: Experience & Practice of The University of Science & Technology of China (“创新机制体制促进转移转化 - 中国科学技术大学科技创新实践”) Prof. Chang-fei ZHU, Vice President, The University of Science & Technology of China (Presentation file)</p>

Time	Agenda
3:20 – 4:15pm	<p>Panel Discussion: Cases sharing on different KT models and practices between east and west</p> <p>Panel: All Speakers Facilitator: Dr Alwin WONG, Secretariat-General, ISTA; Director, Institute for Entrepreneurship, PolyU</p>
4:15 – 4:30pm	Closing Remarks
4:30pm	End of the Forum

ISTA members are welcome to download the presentation slides listed above. To access the protected files, please send a request to ista.secretariat@polyu.edu.hk for the password.

The Speakers



Mr Tim Jackson – University of Waterloo, Canada

Mr Jackson graduated from the University of Waterloo with BA in accounting in 1991. He is a chartered accountant, and is a fellow of the Institute of Chartered Accountants of Ontario. Mr Jackson is a veteran entrepreneur and business leader. In addition to his role as CEO of the Waterloo Accelerator Centre, he is a founder and partner Tech Capital Partners, an early stage technology focused venture capital firm. He has served as CEO, CFO and board member for many technology companies. Jackson is a frequent speaker on innovation, corporate culture, leadership, community building, acquisitions and investment and related topics.

Mr Jackson has been appointed as the Vice President (University Relations) of the University of Waterloo in May 2012.



Mr. Michael McArdle - Queensland University of Technology, Australia

Mr McArdle has worked in the field of university administration for 20 years, of which the last 15 years have been dedicated to research and research training management. Before joining Queensland University of Technology in 2000 as Head, Research Development, He held a number of positions at The University of Queensland over a 9 year period, including Theses Officer, Research Administration Officer and Research Unit Coordinator, within the Office of Research and Postgraduate Studies. In 2003, he took on the role of Acting Manager of the Office of Research and was formally appointed as Director in 2005. As Director he oversees 5 business units covering research development, ethics, finance, data and research quality.

Mr Seok-Ho KIM, National Research Foundation of Korea



Mr Kim graduated from Hankuk University of Foreign Studies with B.A. in English in 1995 and M.A. in North American Studies in 1997. As a practitioner in R&D management and University-Industry Technology Transfer, Mr Kim is a frequent speaker on topics like university-industry partnership, technology transfer and commercialization. He has also published several books and articles on university-industry collaborations.

Mr Kim has been a visiting scholar of Cornell University from 2010-2011, and is currently the Head of R&D Performance Management in the National Research Foundation of Korea. He is also member of Korea Association of University Technology Managers, Korea Technology Innovation Society, and Asia Triple Helix Society.



Mr Cheng-Huat HO, Exploit Technologies Pte Ltd , Singapore

Mr Ho is an Executive Vice President at Exploit Technologies Pte Ltd, the commercialisation arm of the Agency for Science, Technology and Research (A*STAR). As EVP of the Intellectual Property Management Division, Mr Ho oversees a team that manages the largest pool of made-in-Singapore technologies, developed by researchers from A*STAR's Research Institutes and Centres.

Mr Ho is a former Singapore registered patent agent with more than eight years of patent prosecution experience, Mr Ho has been the Director of Singapore's IP Academy and a member of the Association of Singapore Patent Agents and the Licensing Executives Society (LES) in Singapore.



Dr Hee-Tae KIM, Korea Advanced Institute of Science and Technology

Mr Kim graduated from Chungnam National University with PhD in metallurgical engineering in 1993. Since then, he has been a researcher and professor in Metal Research Institute (MRI) in China and metallurgical engineering college in Chungnam National University, before appointed as Director of in the Korean Organization of Technology Transfer Market (KOTM) in 2002. From 2002 till now, he has been served as Executive Director of Technology Commercialization Center, and a Team Leader of Project Coordination and Activation Team at Korea Advanced Institute of Science and Technology (KAIST).

Mr Kim has been invited to speak frequently on topics like Public-to-Private Technology Transfer, Innovation and Entrepreneurship and collaborations among Universities on Technology Transfer.



Prof Chang-fei ZHU, Vice President, The University of Science & Technology of China

Prof Zhu graduated from the University of Science and Technology of China with PhD in Condensed Matter Physics in 1990. Since then he stayed in the University serving as academics and has been visiting scholar of The Hong Kong Polytechnic University. In 2000 he has been promoted to Professor, and then Head of Department of Material Science and Engineering in 2004. In 2005 he served as Deputy Director of the Technology Transfer Office of the University and Director in 2006. In 2008, he was further promoted to Assistant to President and then named as Vice President of the University in April 2010.

Prof Zhu has long been engaged in teaching and research in material physics, transition metal oxides, wide band gap semiconductor, and new concept solar cell. He has published more than 80 academic papers in international journals.

About ISTA (www.ista-net.net)

Founded in 1995, International Strategic Technology Alliance (ISTA) is the only higher education network in China on technology transfer with strong international orientation and participation. As a unique platform for 24 renowned universities in China and the world, ISTA aims to foster cross cultural R&D collaborations, promote international networking and high-impact knowledge transfer for sustainable development of the society.

Members of ISTA:

CHINA / HONG KONG	
Fudan University	Harbin Institute of Technology
Hong Kong Polytechnic University	Huazhong University of Science and Technology
Nanjing University	Nanjing University of Aeronautics and Astronautics
Northwestern Polytechnical University	Peking University
Renmin University of China	Shanghai Jiaotong University
Sichuan University	South China University of Technology
Southeast University	Sun Yat-sen University
Tongji University	Tsinghua University
University of Science and Technology of China	University of Shanghai for Science and Technology
Wuhan University of Technology	Xian Jiaotong University
Zhejiang University	
UNITED KINGDOM	
Cardiff University	University of Warwick
UNITED STATES	
Purdue University	

About PolyU (www.polyu.edu.hk)

The Hong Kong Polytechnic University (PolyU) is an application oriented university, committed to playing a key role in higher education in this era of unprecedented change. With the motto “To learn and to apply, for the benefit of mankind” as the guiding principle, PolyU offers a wide range of quality academic programmes which aim to nurture the much-needed professionals and leaders for our society. Celebrating its 75th anniversary this year, the University has a long-established, application-oriented research culture, which supports research and innovations that have impact and practical value. Being well-recognized as a dedicated partner, PolyU is also keen to engage in meaningful collaborations with academia, business, industry and the government.