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Technology transfer from higher education institutions to industry in China: nature and implications

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Abstract

Increasing the effectiveness of technology transfer has strategic implications for both nations and companies. Despite considerable research on technology transfer from higher education institutions (HEIs) to companies in Western countries, research cannot be found on such an important issue in the context of China. This paper introduces a conceptual framework that addresses major determinants of technology development and transfer in China. The determinants include the economic system, government policy and initiative, and constraints and impetus. An overview of technology transfer in China indicates that China's HEIs have already become a major source of new technology. A case study of technology transfer at Tsinghua University suggests that successful practices of technology transfer already exist. Research and practical implications are discussed.



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Keywords

Technology transfer; Higher education institutions; Science and technology policy; Strategy; Government; Economic system; China

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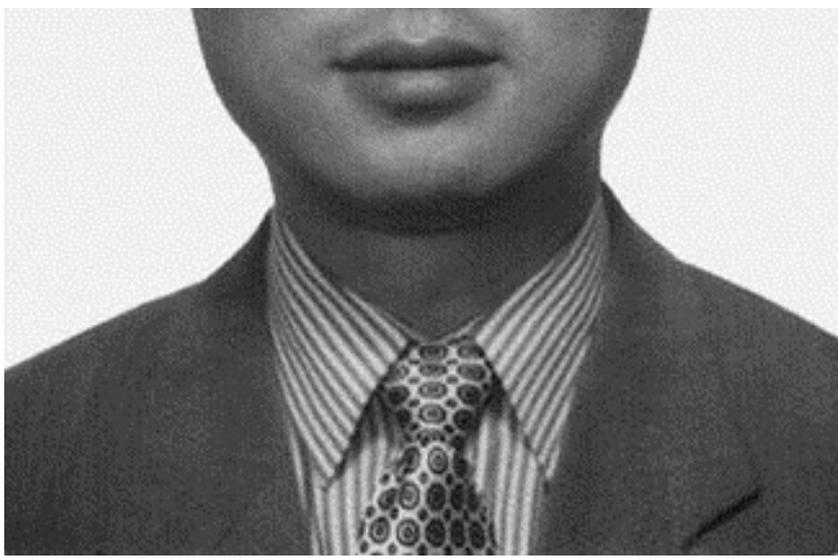
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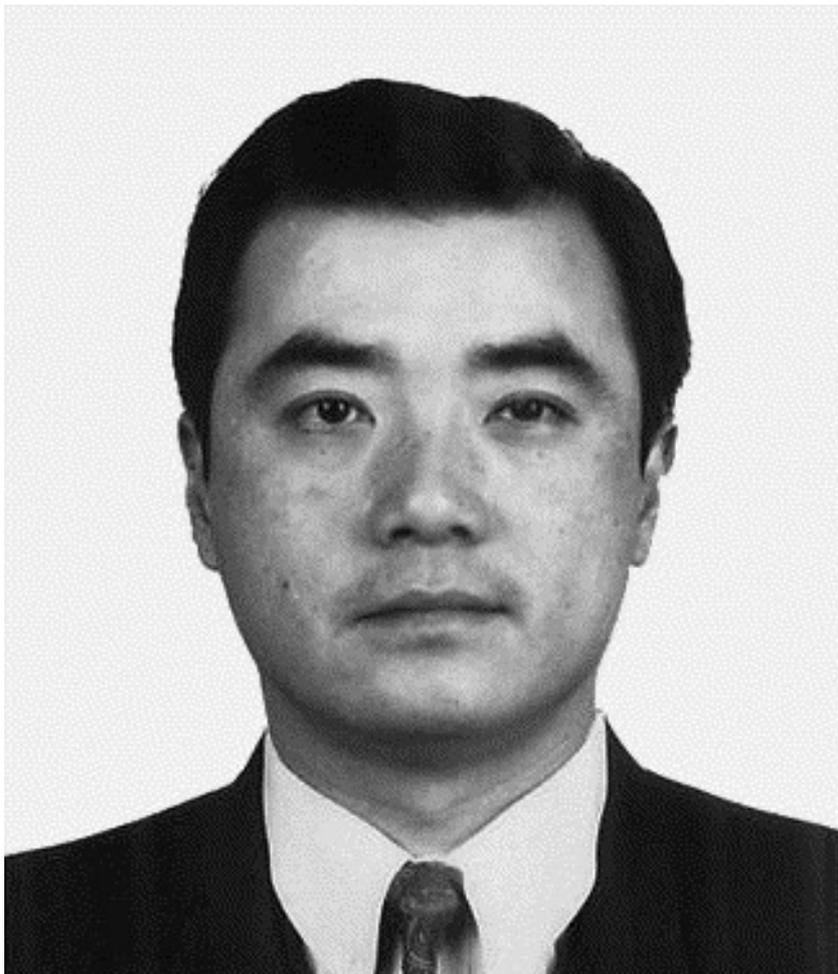
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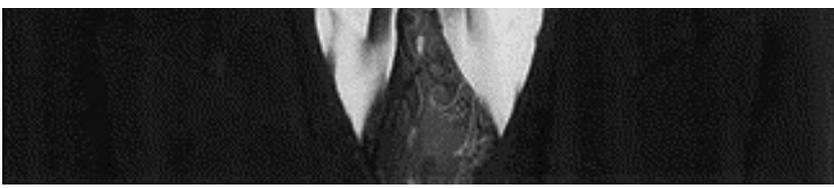




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Hong Liu joined Manchester Business School in 1992, with a background in engineering and economics. He completed his Ph.D. at Warwick Business School, having been awarded a marketing scholarship prize. He consulted for the OECD, the Brunei government, the Chinese government, and a number of major companies. He is the Director of China Business Centre, and has been awarded a number of grants from the British Government and United Nations for research and management training. He has published widely on business strategies in China.





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