

## Curriculum Vitae of Prof. Dr. YU, Xiang

### CURRENT POSITION

Professor at the School of Management (2002- ) and the Director of Chinese-German Institute for Intellectual Property (2005- ) at Huazhong University of Science & Technology (HUST) in Wuhan, China. Member of the Experts Group for the National Intellectual Property Strategy of China (2005 - ); Member of the European Academy of Sciences & Arts (2009- ); Member of the Standing Committee and Legislation Committee of the People's Congress of Hubei Province of China (2013-).



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### EDUCATION

Ph.D., 2001, (Majored in Intellectual Property Management), Huazhong University of Science & Technology (HUST, <http://english.hust.edu.cn/>), China;

DAAD Sandwich Doctoral Candidate, April 1999 – March 2001, law School of Ludwig – Maximilians - University Munich, Germany;

Second. B.E., 1990, (Majored in Management Engineering - Patent and Management of Science & Technology), HUST, China;

B.E., 1986, (Majored in Mining Engineering), Wuhan Institute of Chemical Technology, China.

### EMPLOYMENT & RESEARCH ABROAD

Jan. 2005 - Professor and Director, Chinese-Germany Institute for Intellectual Property (<http://patent.hust.edu.cn/english/>), School of Management, HUST;

(Dec. 2010 – Sep. 2016 Director of the Office of International Affairs, HUST);

Sep. 2006 – Sep. 2007 Visiting Research, School of Law, Hokkaido University, Japan;

Jun. 2002 – Jan. 2005 Professor, Department of Management of Sci. & Tech. and Intellectual Property, School of Management, HUST;

01-12, 2004 Alexander von Humboldt Visiting Scholar (Postdoctoral research fellow), Institute of Management of Economy, Universität der Bundeswehr München; and Max Planck Institute for Intellectual Property, Competition and Tax Law, Munich, Germany;

2002 - 2003 Visiting Researcher (with MPI Research Fellowship), Max Planck Institute for Intellectual Property, Competition and Tax Law, Munich, Germany;

1998 – 2002 Associate Professor, Department of Intellectual Property, School of Management, HUST;

- 1995 – 1998 Lecturer, Department of Intellectual Property, School of Management, HUST;
- 1994 – 1995 Engineer, Science and Technology Corporation, HUST;
- 1992 – 1994 Engineer & General Manager, Wuhan ChuangXin Co. of Technological Utilization, Wuhan East Lake Development Zone, China;
- 1990 – 1992 Assistant Engineer, Wuhan Institute for Chemical Technology, China;
- 1986 – 1988 Assistant Engineer, Wuhan Institute for Chemical Technology, China;

## **COURSES & SERVICES**

Since 1995, regularly teach courses “Intellectual Property Law”, “Patent Law”, “Patent Management”, “Patent Strategy”, “International Technology Transfer”, “Economic Law” etc., for students in different levels, including undergraduate students, graduate students, MBA and EMBA students, and doctoral students, in home university and many other universities in many different countries.

Since 1992, offer services for enterprises, universities, research institutions, and inventors, as Chinese Patent Attorney, IP Expert or IP Consultant, by means of writing patent application documents and filing patents, giving patent related training programs and lectures, doing IP application research and delivering IP advisory reports for enterprises, other institutions and local governments.

Since 2011, Director of the Chinese IP Team for the US-China CERC (Clean Energy Research Center) Project (<http://www.us-china-cerc.org/>).

Since 2013, Director of the Chinese IP Team for the China-EU/EEA NZEC (Near Zero Emission Coal) - CCS (Carbon Capture and Storage) Project.

## **OTHER PROFESSIONAL ACTIVITIES**

Regularly deliver invited presentations or give other invited lectures in IP especially patent field in many international conferences or universities in different countries or areas, including Australia (2014, 2012), France (2016, 2014, 2013), Netherland (2014), Spain (2014, 2012), Belgium (2014), Switzerland (2016, 2015, 2014, 2008), Poland (2014), the USA (2013), Germany (2016, 2015, 2012, 2008), Croatia (2012), Japan (2009, 2008, 2007, 2006, 2005, 2002), Korea (2009), Thailand (2004) and Taiwan (2012, 2011, 2010), etc.

Visiting professor at the School of Management and Law, Zurich University for Applying Science (ZHAW), Switzerland (Feb. 2014);

Visiting professor at the Centre for International Intellectual Property Studies (CEIPI), University of Strasbourg, France (Dec. 2013 – Jan. 2014);

Visiting professor at the Yunlin University of Science & Technology, Taiwan, Nov. – Dec., 2012;

Visiting professor at the Technische Universitaet Muenchen, Germany, Aug. – Sep., 2012;

Visiting professor at the School of Law, University of Technology Sydney, Australia, May, 2012;

Visiting professor at the National Tsing Hua University, Taiwan, March - April, 2011;

Visiting researcher at the Institutum Iurisprudentiae (Institute of Law) of the Academia Sinica, Taiwan, May – Aug., 2010.

As IP expert and consulter, giving plentiful lectures to state government, regional governments of different provinces, as well as industries and enterprises, since 2001, in China.

Appointed Consultant of the WIPO (World Intellectual Property Organization), for the cooperative research project "The Institutional infrastructure for IPR-based development in Asia", Sep. 2008 - Sep. 2009.

### **MEMBERSHIP**

Member of the European Academy of Sciences & Arts (2009 - );  
Chairman of the JSPS Fellow Alumni Association in China (2010 - 2014);  
Member of ATRIP (International Association for the Advancement of Teaching & Researching in Intellectual Property) (2009 - );  
Member of the Experts Group for the National Intellectual Property Strategy of China (2005 - );  
Member of the experts for reviewing the proposal for research projects of NSFC (National Nature Science Foundation of China) (2002 - );  
Member of the Chinese Patent Attorney Association (1993 - ).

### **HONORS, AWARDS & FELLOWSHIPS**

Visiting professor at the Centre for International Intellectual Property Studies (CEIPI), University of Strasbourg, France (Dec. 2013 – Jan. 2014);  
Honorary Appointment as a Visiting Professor at the Faculty of Law of the University of Technology, Sydney, May 2012;  
Visiting professor at TU Munich with Alexander-von-Humboldt fellowship, Aug. – Sep. 2012;  
Member of the European Academy of Sciences & Arts (2009 - );  
Certificate signed by the president of the German Alexander-von-Humboldt Foundation for excellent research achievements in 2004;  
German Alexander-von-Humboldt research fellowship, Jan. 2004 – Dec. 2004;  
JSPS (Japan Society for the Promotion of Science) research fellowship, Sep. 2006 – Sep. 2007;  
German Max-Planck-Institute research fellowship, Aug. – Dec. 2002, Sep. – Oct. 2003;  
DAAD (German Academic Exchange Service) fellowship, April 1999 – Mar. 2001.

### **COMMUNITY SERVICE**

Member of the Standing Committee of the People's Congress of Hubei Province, China, since Jan. 2013.  
Legislation Committee Member of the People's Congress of Hubei Province, China, since Jan. 2013.  
Member of Standing Committee of the Hubei Province Committee of the Chinese People's Political Consultative Conference (CPPCC), 2008 – 2013.  
Member of the Hubei Province Committee of the Chinese People's Political Consultative Conference (CPPCC), 2005 – 2008.

### **RESEARCH FIELDS**

Patent Law and Patent Management; Intellectual Property and International Trade;  
Patent Strategy and Technological Innovation; Licensing and Technology Transfer.

### **LANGUAGE ABILITY**

**English** – excellent; **German** – excellent; **Japanese** – sufficient; **Chinese** - mother tongue.

### **SELECTED RESEARCH PROJECTS**

**A) Current ongoing main research projects (as project leader)**

1. “Intellectual Property and Technology Transfer”, research project for the China-US “Clean Energy Research Center (CERC)” (see: [http://www.us-china-cerc.org/Intellectual\\_Property.html](http://www.us-china-cerc.org/Intellectual_Property.html)), financed by the Chinese Ministry of Science & Technology (2011 - );

2. “Intellectual Property, Knowledge Sharing and Technology Transfer”, research project for the China-EU/EEA Demonstration Project of “Carbon Capture and Storage (CCS)” under the China-EU/EEA “Near Zero Emission Coal (NZEC)” Project, financed by the Chinese Ministry of Science & Technology (2013 - );

3. “Intellectual Property Management and Patent Operation” research and service project for the Zhejiang Xinzhou Bamboo Based Composite Technology Co.,Ltd.

**B) Finished main research projects****As project leader:**

4. “Study on the Patent Data Mining and Analysis Technology for Guiding Innovation”, financed by the National Nature Science Foundation of China (NSFC) (Jan. 2011 – Dec. 2014);

5. “Study on the Application of Patent Information in the Transfer of Innovation achievements”, financed by the State Intellectual Property Office of China (SIPO), (Jan. 2014 – Dec. 2015);

6. “Institutional Infrastructure for IPR-Based Development in Asia - An Empirical Study of National Patent Systems”, international joint research project financed by the WIPO (Sep. 2008 – Mar. 2009);

7. “The Characters of Japanese Patent System relating to Innovation of Enterprises”, financed by the Japan Society for the Promotion of Science (JSPS), (Sep. 2006 – Sep. 2007);

8. “A Study on the Patent Strategy for the Photoelectron Industry in Hubei Province”, financed by the Intellectual Property Office of Hubei Province (June 2006 – Jan. 2007);

9. “Study on Patent Strategies oriented Innovation Systems in Enterprises”, financed by the NSFC (Jan. 2005 – Dec. 2007);

10. “TRIPs and its impact on the protection of intellectual property in China”, financed by the German Alexander-von-Humboldt Foundation (Jan. 2004 – Dec. 2004);

11. “Management of Intellectual Property in International Trade and the Marketing of Products”, financed by the NSFC (Jan. 2002 – Dec. 2004);

12. “Comparative Research on Exhaustion and Parallel Imports from the Points of View of Law and Economy”, financed by the Ministry of Education of China (Jan. 2002 – Dec. 2003);

As well as a series of research projects entrusted by enterprises, local governments and State Intellectual Property Office of China (SIPO), related to the topics of IP Management, Patent Enforcement, Patent Strategy, etc.

**As one of the key members of project:**

13. "Study on Harmonious Management and Protection of Intellectual Property", financed by the NSFC (Jan. 1998 – May 2002);
14. "Study on the System of Managing Intellectual Property in Universities and Research Institutions", financed by the NSFC (Jan. 1996 – Dec. 1998);
15. "Study on Patent Strategies for Enterprises", financed by the NSFC (Jan. 1991 – Dec. 1992);
16. "Study on the Problems relating to Research Investment and the Share of Intellectual Property Rights", financed by the NSFC (Jan. 1989 – Dec. 1990).

**SELECTED PUBLICATIONS**

More than 120 academic publications in the field of intellectual property were published in English, German, Japanese and Chinese language. Parts of selected publications are listed as follows.

**A) Journal articles**

1. Liu Xin, Yu Xiang. Potential Challenges of 3D Printing Technology on Patent Enforcement and Considerations for Countermeasures in China. <Journal of Intellectual Property Rights>, 5/2015, 155-163 (in English).
2. Shan LIU, Xiang YU (Corresponding Author). Intellectual Property Regulation and Management in the Sino-US Collaboration on CCS Technology. <Energy Procedia>, Vol. 63 (2014), 6671-6679 (in English).
3. Xiang YU, Ying ZHOU. Determining the Similarity of Automobile Designs before Chinese Courts. <IIC–International Review of Intellectual Property and Competition Law> (Munich, Germany), 1/2010, 89-98 (in English).
4. Yu, Xiang & Hu, Shujing. The Third Amendment of the Chinese Patent Act and the Comparison between the New Patent Act and TRIPs. <Intellectual Property Law and Policy Journal> (Japan, Sapporo), 9/2009, Vol.24, 213-228 (in Japanese).
5. Yu, Xiang & Liu, Shan. The New Developments in Patent Protection for Inventions Involving Computer Programs in China: A Study Based on the Newly Amended Chinese Patent Examination Guidelines. <IIC–International Review of Intellectual Property and Competition Law> (Munich, Germany), 6/2007, 659-668 (in English).
6. Xiang YU. The New Regulation Regarding Customs Protection of Intellectual Property Rights in the People's Republic of China. <IIC – International Review of Intellectual Property and Competition Law> (Munich, Germany), 7/2005, 835-841 (in English).
7. Xiang YU. The Regime of Exhaustion and Parallel Imports in China: A Study Based on the Newly Amended Chinese Laws and Related Cases. <EIPR - European Intellectual Property Review> (London, U.K.), 3/2004, 105-112 (in English).

8. Xiang YU, The second amendment of the Chinese Patent Law and the comparison between the new law and TRIPs. <The Journal of World Intellectual Property> (Geneva, Switzerland), 1/2001, 137-155 (in English).
9. Yu, Xiang. An inquiry into the issue of exhaustion of patent right under WTO legal system. <China Patents & Trademarks> (Hong Kong), 1/2001, 15-28 (in Chinese and English).
10. Xiang YU. Parallel Imports in Chinese Intellectual Property Law and Development Thereof. <GRUR Int.> (Munich, Germany) 7/2000, 619-623 (in German).
11. Yurong ZHANG, Xiang YU. The Patent Protection for Business Method Inventions in China. <EIPR - European Intellectual Property Review> (London, U.K.), 10/2008, 412-419 (in English).
12. Wei LI, Xiang YU. Patent Strategies for Biotechnology Enterprises. <Biopharm International>, (New Jersey, USA) , Vol.20, No.8 (8/2007), 56-64 (in English).
13. FENG Ling, YU Xiang. An Analysis of China's High-Speed Rail Disruptive Innovation Path. <Science Research Management>, 10/2015, 77-84 (in Chinese).
14. LIU Xin, YU Xiang, LIU Shan. Review on the Standards Essential Patent Databases. <Journal of Intelligence>, Vol. 33, No. 10 (10/2014), 109-115 (in Chinese).
15. LUO Liguo, YU Xiang, ZHOU Lihong. Knowledge Flow Capability of "985 Universities" Based on Patent License Network. <Chinese Journal of Management> (Wuhan, China), 3/2013, 458-462 (in Chinese).
16. Feng Rentao, YU Xiang. The Similarities and Cluster Analysis of Regional Technology Distribution in China. <Journal of Intelligence>, 1/2013, 129-134 (in Chinese).
17. FENG Rentao, YU Xiang. Comparison of Regional Patterns for Technological Specialization in China. <Science Research Management>, Vol. 33, No. 10 (10/2012), 9-16 (in Chinese);
18. YU Xiang, LU Di. The New Development of Judgment on Patent Infringement in Mainland China. <Taiwan Patent Attorney Journal> (Taipei), 5/2011, 86-96 (in Chinese).
19. YU Xiang, ZHANG Qing. A Comparative Study of Non-traditional Trademark Protection. <Intellectual Property> (Beijing, China), 2/2011, 114-119 (in Chinese).
20. Wu Lanfen, Yu Xiang, Zhou Ying. Research on the effect and implementation of patent examination cooperation between both sides of Taiwan Strait. <Science Research Management> (Beijing, China), 6/2010, 80-90 (in Chinese).
21. Yu, Xiang & Zhang, Yurong. A New Patent Strategy in Financial Industry: Patent Troll and its Prevention. <R & D Management> (Shanghai, China), 3/2008, 100-105 (in Chinese).
22. Yu, Xiang & Zhang, Yurong. A Study on Patent Strategy of U.S. Financial Industry. <Studies of International Finance> (Beijing, China), 3/2008, 20-26 (in Chinese).
23. Yu, Xiang & Zhan, Ailan. An Empirical Study on Technical Innovation Strategies of China's Mobile Communication Industry Based on Patent Analysis. <Journal of the China Society for Science and Technical Information> (Beijing, China), Vol. 27, No. 3 (June 2008), 431-437 (in Chinese).
24. Yu, Xiang & Wu, Lanfen. Empirical Study on Parallel Imports of Pharmaceuticals in Sweden and its Enlightenment to China. <Science Research Management> (Beijing, China), Vol.28, No.1 (1/2007), 146-154 (in Chinese).

25. Yu, Xiang & Li, Wei. A Study on US Biotechnology Enterprises Patent Strategy and its Enlightenment. <Science Research Management> (Beijing, China), Vol.28, No.4 (4/2007), 9-15 (in Chinese).
26. Yu, Xiang & Qiu, Honghua. The Developing Trend of the Banking Business Method Patents in US and Its Enlightenment. <Electronics Intellectual Property> (Beijing, China), 11/2007, 27-31 (in Chinese).
27. Yu, Xiang & Zhao, Zhen. Countercharge of the Invalidity of Patent Rights and Lawsuit Ceasing in Patent Invading Case – the Reform of the Suit System of Intellectual Property Rights in Japan and its Enlightenment to China. <Electronics Intellectual Property> (Beijing, China), 6/2007, 54-56 (in Chinese).
28. Yu, Xiang & Zhan, Ailan. Research on the Patent Strategy of IBM - Based on Patent Analysis. <Science of Science and Management of S. & T.> (Tianjin, China), Vol.27, No. 10 (10/2006), 81-84 (in Chinese).
29. Yu, Xiang & Liu, Shan. Comparative Analysis of the Patent Systems for Inventions of Computer Software between the USA and EU. <Chinese Journal of Management> (Wuhan, China), 1/2006, 98-102 (in Chinese).
30. Yu, Xiang & Liu, Shan. An Inquiry into US Patent Protection on Computer-related Inventions Comparing with EU. <Electronics Intellectual Property> (Beijing, China), 10/2005, 32-37 (in Chinese).
31. Yu, Xiang & Liu, Shan. An inquiry into EU patent protection on computer-implemented inventions. <Electronics Intellectual Property> (Beijing, China), 6/2005, 37-41 (in Chinese).
32. Yu, Xiang & Jiang, Wenguang. An analysis on nanotechnology patent in the world and a research on the patent strategy of nanotechnology industry in China. <R & D Management> (Shanghai, China), 4/2004, 85-90, 107 (in Chinese).
33. Yu, Xiang & Zhan, Ailan. Study on Patent Strategies in Mobile Communication Industry based on Patent Analysis. <Intellectual Property> (Beijing, China), 3/2004, 20-26 (in Chinese).
34. Yu, Xiang. Study on the system of exhaustion of intellectual property and parallel imports in Taiwan. International Trade 6/2002, 42-46 (in Chinese).
35. Yu, Xiang. Study on the system of exhaustion of intellectual property and parallel imports in Singapore. Electronics Intellectual Property 5/2002, 48-52 (in Chinese).
36. Yu, Xiang. Study on the system of exhaustion of intellectual property and parallel imports in Korea. International Trade 4/2002, 40-43 (in Chinese).
37. Yu, Xiang. Exhaustion of patent rights under konzern distribution – Analyses on the related legal system in Germany and EU (1). Electronics Intellectual Property 11/2001, 45-47 (in Chinese).
38. Yu, Xiang. Exhaustion of patent rights under konzern distribution – Analyses on the related legal system in Germany and EU (2). Electronics Intellectual Property 10/2001, 50-52 (in Chinese).
39. Yu, Xiang. Juristic and economic analyses on parallel imports and exhaustion of trademark rights in China. International Trade 8/2001, 46-49 (in Chinese).
40. Yu, Xiang. Analyses on the issue of parallel imports and exhaustion of patent rights in China. International Trade 6/2001, 43-46 (in Chinese).
41. Yu, Xiang. Evolvement of the law and justice and the active rule on the issue of parallel imports and exhaustion of trademark rights in the USA. Science & Technology Law Review (Taiwan) 6/2001, 31-42 (in Chinese).
42. Yu, Xiang. Exhaustion of Trademark rights in EU – analyses of cases and new measures of the EU. The Taiwan Law Review (Taiwan) 70, 141-150 (in Chinese).

43. Yu, Xiang. TRIPs and the second amendment of Chinese Patent Law. *Science & Technology Law Review (Taiwan)* 4/2001, 18-31 (in Chinese).
44. Yu, Xiang. The system of exhaustion of patent right and parallel imports of patented products in the USA. *International Trade* 12/2000, 36-38 (in Chinese).
45. Yu, Xiang. Study on the system of exhaustion of patent right and parallel imports of patented products in EU. *The Taiwan Law Review (Taiwan)* 64, 115-127 (in Chinese).
46. Yu, Xiang. The development and tendency of EU in relation to the exhaustion of trademark rights and parallel imports. *Intellectual Property Studies* 10, 165-186 (in Chinese, with English resume).
47. Yu, Xiang. Exhaustion of patent right and parallel imports of patented products. *International Trade* 2/2000, 41-45 (in Chinese).
48. Yu, Xiang. The conflict between the American 337th Article and the Procedure of Settling Disputes of WTO. *International Trade* 4/1997, 55-56 (in Chinese).
49. Yu, Xiang. Researches on Intellectual Property Rights in Developing High-Tech Industries. *Science Research Management* 5/1997, 68-75 (in Chinese).
50. Yu, Xiang. An inquiry into the issue of transverse investment on R & D and the sharing of research results. *Science Research Management* 3/1991, 1-7 (in Chinese).

#### **B) Contribution in books**

51. Yu, Xiang & Yin Conghui, "Development of Patent Exhaustion in Mainland China", in Irene Calboli & Edward Lee: <Research Handbook on Intellectual Property Exhaustion and Parallel Imports>, Edward Elgar Publishing, 2016 (in English).
52. Xiang YU & Di LU. Chapter 4, Patent Enforcement in Mainland China, in Reto Hilty & Kung-Chung Liu: <The Enforcement of Patents> (This book is a volume in the book series: Max Planck Series on Asian Intellectual Property Set). Kluwer Law International (The Hague/ London/ New York), 2011 (in English).
53. Xiang YU. The Impact of the Amendments of the Chinese Patent System on the Technological and Economic Progress in China, in <Patent and Technological Progress in a Globalized World> - Festschrift for Professor Joseph Straus. Springer publishing house, 2009 (in English).
54. Xiang YU. Chapter 3 - Exhaustion and Parallel Imports in China, in Christopher HEATH: <Parallel Imports in Asia>. Kluwer Law International (The Hague/ London/ New York), 2004 (in English).

#### **C) Book**

55. QI Chang wen, SHAO Yang, and YU Xiang etc., <Market Competition and Patent Strategies>, Press of Huazhong University of Science & Technology (Wuhan, China), 1995 (in Chinese).

#### **D) WIPO Research and Publications**

56. Xiang YU. Institutional Infrastructure for IPR-Based Development in China. In United Nations University (UNU) & World Intellectual Property Organization (WIPO): <Intellectual Property in Asian Countries – Studies in Infrastructure and Economic Impact>, published by WIPO, 2009, pp.154-210 (in English). Available also by: [http://www.wipo.int/edocs/pubdocs/en/intproperty/1018/wipo\\_pub\\_1018.pdf](http://www.wipo.int/edocs/pubdocs/en/intproperty/1018/wipo_pub_1018.pdf).