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EDUCATION:

- 1996 **Ph.D.** in Telecommunications Management and Policy.
Rutgers University, **New Jersey, USA.**
- 1990 **M.Sc.** in Information and Communication Technology Policy.
SPRU, University of Sussex, **Brighton, UK.**
- 1985 **M.Sc.** in Electronics Engineering.
Tsinghua (Qinghua) University, **Beijing, PRC.**
- 1983 **B.A.** in Electronics Engineering.
Tsinghua (Qinghua) University, **Beijing, PRC.**

PROFESSIONAL APPOINTMENTS:

- 2002 - **Associate Professor**, School of Information Studies, Syracuse University,
New York, USA.
- Summer 2002 **Visiting Professor**, School of Business Management
HongKong University of Science & Technology, **HongKong.**
- Summer 2001 **Visiting Professor**, School of Business Management
HongKong University of Science & Technology, **HongKong.**
- 1996 - 2001 **Assistant Professor**, School of Information Studies, Syracuse University,
New York, USA.
- Spring 2000 **Visiting Professor**, School of Business Management
HongKong University of Science & Technology, **HongKong.**
- 1992 - 1995 **Teaching Assistant**, Rutgers University
New Jersey, USA.
- 1991 - 1992 **Visiting Researcher**, International Center for Telecommunications Management
College of Business Administration, University of Nebraska. **Nebraska, USA.**
- 1990 - 1991 **IAEA and UNESCO Research Fellow**, the United Nations
Based in Alcatel-Telettra, **Milan, Italy.**

- 1985 - 1989 **Junior/Senior Project Officer**, Division of Telecommunications & Broadcasting State Science and Technology Commission of China, **Beijing, PRC.**
- 1983 - 1985 **Teaching Assistant**, Department of EE, Tsinghua (Qinghua) University **Beijing, China.**

FELLOWSHIPS, SCHOLARSHIPS and AWARDS:

- May 2002 **Jeffrey Katzer Professor of the Year Award**, Syracuse University.
- Spring 2000 **HIIP Fellow**, John F. Kennedy School of Government, Harvard University, Boston, MA. (It was offered, but I turned it down because of the conflict with another opportunity).
- 1995 - 1996 **Sun Yat-sen Excellence Scholarship, New Jersey, USA.**
- 1990 - 1991 United Nations' **IAEA and UNESCO Research Fellowship**, hosted in Alcatel-Telettra, **Milan, Italy.**
- 1989 - 1990 **British Council Fellowship**, University of Sussex, Brighton, **U.K.**

PUBLICATIONS

Refereed books and manuscripts

3. Gharamani, B & **Tan, Z.** (2003) "Telecommunications Theories, Management, Development, Practices, and Applications: Issues and Analysis", Special Issue of **the International Journal of Information Technology and Decision Making (IT&DM)** 2(4), December 2003.
2. Goodman, S.; Burkhart, G.; Foster, W.; Press, L., **Tan, Z.**, & Woodard, J. (1998) **The Global Diffusion of the Internet Project: An Initial Inductive Study**, Fairfax, VA: The MOSAIC Group, March 1998.
1. Mueller, M. & **Tan, Z.** (1997) **China in the Information Age: Telecommunications and the Dilemmas of Reform**, Washington, D.C./Westport in CT: the Center of Strategic and International Studies (CSIS)/Praeger Publishers.

Refereed journal publications

14. **Tan, Z.** (2004). "Evolution of China's Telecommunications Manufacturing Industry: Strategy and Competition ", **Communications and Strategies**. (March 2004).
13. **Tan, Z.** & OUYANG, W. (2004). "Diffusion and Impacts of the Internet and E-commerce In China ", **Electronic Markets -- the International Journal of Electronic Commerce & Business Media**. 14(1).
12. **Tan, Z.** & OUYANG, W. (2003). "Factors Affect E-commerce Diffusion in China", **Communications of AIS**. [Volume 10, 2003 \(Special Volume on Globalization and E-Commerce\)](#).

11. **Tan, Z.** (2002). "Testing Theory of Bandwagons", **the International Journal of Information Technology and Decision Making** (IT&DM) 1(4), 2002.
10. **Tan, Z.** (2002). "Product Cycle, Wintelism, and Cross-national Production Networks (CPN) for Developing Countries", **INFO**, 4(6). (September 2002).
9. **Tan, Z.** (2002). "Product Cycle Theory and Telecommunications Industry". **Telecommunications Policy**, 26 (2002), pp17-30.
8. **Tan, Z.** & Clark, T. (2000). Internet Diffusion in the USA and China. **INFO**, 2(6), pp595-604. (December 2000).
7. **Tan, Z.**, Foster, W. & Goodman, S. (1999). China's Unique Internet Infrastructure. **Communications of the ACM**, 42(6), pp44-52. (June, 1999)
6. **Tan, Z.** (1999). Regulating China's Internet: Convergence toward A Coherent Regulatory Regime. **Telecommunications Policy**, 23(3/4), pp261-276.
5. Press L., with Burkhart G., Foster W., Goodman S., **Tan Z.**, and Woodard J. (1998). "Studying Internet Diffusion," **OnTheInternet**. July/August 1998, pp. 36-39.
4. **Tan, Z.** Mueller, M. & Will, F. (1997). China's New Internet Regulations: Two steps forward and one step back, **Communications of the ACM**, December 1997, pp11-16.
3. **Tan, Z.** (1996). The Outlook for the Future of China's Central Office (CO) Switch Market, **TelecomAsia**, 7(1), January 1996, pp40-48.
2. **Tan, Z.** (1995). China's Information Superhighway: What is it and who controls it. **Telecommunications Policy**, 19(9), pp. 721-731.
1. **Tan, Z.** (1994). Challenges to the MPT's monopoly. **Telecommunications Policy**, 18(3), pp174-181.

Refereed book chapters

3. **Tan, Z.** (2001). Chapter7: Global Competition & Cooperation in Standardization of Wireless Communication, in Gerald Grant (ed), **Managing Telecommunications and Networking Technologies in the 21st Century**, Idea Publisher.
2. **Tan, Z.** & Lu, D. (1998). The State Borderline in the Cyberspace, pp281-296 in Bohlin E. and Levin, S. (ed.), **Telecommunications Transformation: Technology, Strategy, and Policy**, IOS Press: Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.
1. **Tan, Z.** (1997). The impact of foreign linkages on China's telecommunications and

development, pp263-280 in P. Lee (ed.), **Telecommunications and Development in China**. New Jersey: Hampton Press, Inc.

Refereed Conference Proceedings

25. Tan, Z. (2003). "Telecommunications, Technology, and China's Modernization", conference of "China's Emerging Technological Trajectory in the 21st Century." Rensselaer Polytechnic Institute, Troy, New York, September 4-6, 2003.

24. Tan, Z. (2003). "Evolving Competition in China's Telecommunications Manufacturing Industry - Foreign Investment, Government Policy, and Indigenous Manufacturing", workshop of "Turmoil in the Telecommunications Industry: Implications for Developing Nations." CITI at Columbia University, New York City, May 8th, 2003.

23. Tan, Z. & W. OUYANG (2003). "[Diffusion and Impacts of the Internet and E-commerce](#)", Global E-commerce Diffusion Conference, Irvine, CA. March 28-29, 2003.

22. Tan, Z. & W. OUYANG (2002). "Assessment of E-commerce Environment in China", Global E-commerce Diffusion Conference, Irvine, CA. March 8-9, 2002.

21. Moneta, J. & Tan, Z. (2002). "Mobile Virtual Network Operators – Adding Dynamics to Competition in Mobile Telecom Services", accepted by **International Telecommunications Society's 2002 annual conference (ITS2002)**, Seoul, August 2002.

20. Tan, Z. (2002). "Institutional Reform for Cyberspace Infrastructures: Government Interference Versus Market Forces," the proceedings of 2002 annual conference by **Association for Asian Studies (AAS2002)**, Washington, D.C. April 2002.

19. Tan, Z. (2002). "Market Competition in Wireless Communications", **Pacific Telecommunications Conference**, Hawaii, January 2002.

18. Tan, Z. (2001). "Comparison of Wireless Standards-Setting: United States Versus Europe", **Telecommunication Policy Research Conference (TPRC)**, Washington, D.C., October 2001.

17. Tan, Z. (2001). "Product Cycle, Wintelism, and Cross-national Production Networks (CPN) for Developing Countries", **Telecommunication Policy Research Conference (TPRC)**, Washington, D.C., October 2001.

16. Yusof, S. A. Mohd. & Tan, Z. (2001). "Diffusion of Mobile Communication Services in the World: An Empirical Exploration", **International Telecommunications Society's Asia-Pacific Conference**, July 2001, HongKong.

15. **Tan, Z.** (2001). "Country Study: Product Cycle Theory and China's Telecommunications manufacturing sector", **International Telecommunications Society's Asia-Pacific Conference**, July 2001, HongKong.
14. Foster, W., Goodman, S., and **Tan, Z.** (2000). The Internet and e-commerce in greater south China (Taiwan, Hong Kong, Fujian, and Guangdong). INET 2000 Proceedings. The Internet Society. Available online: http://www.isoc.org/inet2000/cdproceedings/7c/7c_1.htm.
13. **Tan, Z.** & Ted, C. (2000). "Internet As A Mainstream Communication Medium – An Empirical Study of User Demographics", the **13th International Telecommunications Society Conference**, July 2000, Argentina.
12. Chen, H. & **Tan, Z.** (2000). "Telecommunications Traffic and Economic and Cultural exchanges between Taiwan Strait - An Empirical study", the **13th International Telecommunications Society Conference**, July 2000, Argentina.
11. Chen, H. & **Tan, Z.** (1999). "Toward a Standardized Internet Measurement", Proceedings of **WebNet 99 World Conference on the WWW and Internet**, Hawaii, Oct. 1999.
10. **Tan, Z.** (1999). "Internet Development in China: Economic and Technology Imperatives vs. Political and Social Caution", **Annual Conference of Association for Asian Studies**, Boston, MA, March 1999.
9. **Tan, Z.** (1998). "China's Internet and Its Economic, Political and Social Impact", **New York Conference on Asia Studies**, New Paltz, NY. (October 1998)
8. **Tan, Z.** (1998). "Regulating China's Internet - Converging To A Coherent Regulatory Regime?!" the **12th International Telecommunications Society Conference (ITS'98)**, Stockholm, Sweden. (June 1998)
7. **Tan, Z.** (1998). A New Model of Internet Regulation. The proceedings of **PTC'98**, Hawaii, January 1998.
6. **Tan, Z.** and Lu D. (1997). "Internet Content Filtering and Blocking --- The Asian Approach" Volume II. pp.138-147, in Philip Enslow, Pete Desrochers and Irene Bonifacio (edits.) **Global Networking'97: 21st Century Communications Networks** - Proceedings of the Global Networking'97 Conference, Calgary, Alberta, June 15 to 18, 1997. IOS Press: Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.
5. Yurcik, W. & **Tan, Z.** (1996). The Great (Fire)Wall of China: Internet security and information policy issues in PRC, in the Proceedings of **the 24th Telecommunications Policy Research Conference**, Soloman, MD, October, 1996.
4. **Tan, Z.** (1996). Telecommunications Reform in China: A Unique Process, the **11th**

International Telecommunications Society Conference, Sevilla, Spain, June 1996.

3. Tan, Z. (1996). China's Internet: competition, regulation, and policy, the proceedings of **PTC'96**, Hawaii, January 1996.

2. Tan, Z. (1995). China's Information Superhighway: What is it and who controls it, the proceedings of the **PTC'95**, Hawaii, January 1995.

1. Tan, Z. (1994). The implications of international cooperation on China's telecommunications industry, the **10th International Telecommunications Society Conference**, Sydney, Australia, July 1994.

Invited Conference Presentations and Other Presentations

8. Tan, Z. (2001). "The Two Sides of Wireless and M-Commerce: Opportunities and Challenges", the 2001 Telecom Symposium on "Competing Strategies in an Uncertain Era", **Taipei, Taiwan**, July 2001.

7. Tan, Z. (2001). Seminars on Wireless Communications and M-Commerce, **Business School at HongKong University of Science and Technology**, July, 2001.

6. Tan, Z. (2000). "The Discipline and Current Research Trends of Telecommunications Policy and Regulations", School of Public Affair, **Qinghua University**, Beijing, August, 2000.

5. Tan, Z. (1999). "Critical Analysis of Internet User Demographics and Usage Patterns in US and China", **Telecom' 2000**, San Francisco, November 2-3, 1999.

4. Tan, Z. (1999). "China's Accession to the World Trade Organization - Is China's Telecommunications Sector Ready?", Conference of "China's Accession to the World Trade Organization: Implications for the United States, Japan and the World", **Business School at Columbia University**, New York, April 1999.

3. Tan Z. (1999). "Governing Information Society", World Symposium on Network Media - The Global Information Society (International Seminar Plato): *Towards a Single Model?* **Sponsored by the Club of Rome, UNESCO and the European Union**, France, March 1999.

2. Tan, Z. (1994). "The Changing Telecom Regulations", **FCC's Asian Telecommunication Law seminar in Washington, D.C.** in 1994.

1. Tan, Z. (1993). Telecommunications Regulation in China: Status Quo and Challenges, **Conference of Telecoms and Economic Development in Great China**, HongKong, 1993.

Other Publications

6. **Tan, Z.** (1998 --). Web-site of "Information and Telecommunications in China on the Internet" at <http://web.syr.edu/~ztan/China-tel.html>. This is one of the most popular on-line resources related to China's IT and Telecom for academic researchers, students, and practitioners around the world. (**10,357 hits by 10/11/01**)

5. **Tan, Z.** (2001). "Review of Current Telecommunications Market in China", Report prepared for Winer, Meheula, Devens, & Bush, LLP in Hawaii, 2001.

4. Burkhart, G. Foster, W., Press L., and **Tan, Z.** (1998). **The Global Diffusion of the Internet: India and China**, MOSAIC Group, December 1998.

3. **Tan, Z.** Contributor to Mansell, R. and Wehn, U. (ed.), (1998). **Knowledge Societies: Information Technology for Sustainable Development**, prepared under the guidance of the United Nations Commission for Science and Technology for Development, Oxford: Oxford University Press.

2. **Tan, Z.** (1992). The Single Market for European Public Mobile Communication, **ICTM Research Paper Series #16**, Univ. of Nebraska, June 1992.

1. **Tan, Z.** (1991). The Latest Development of Private Trunking Mobile Communication System, **Mobile Communications**, Volume 5, 1991, pp31-35.

Tan, Z. (1985-1989). Tan drafted or participated in drafting many policy and regulation documents and R&D program documents related to the national information and telecommunications industry in China. These documents were often published by China's State Council and the State Science and Technology Commission.