

## CURRICULUM VITAE

- a) Name**                    **ZENG Guoping**  
**b) Current post**        **Professor of Science, Technology and Society**  
**c) School**                **Centre of Science, Technology and Society of Tsinghua University**  
**d) Date of birth**        **June 26, 1953**

### **e) Appointments Held**

- 2004 Director of National Innovative Study Base for Science, Technology and Society Development at Tsinghua University  
2000 Director of Centre of STS of Tsinghua University  
1999 Director of Institute of STS of School of Humanities and Social Sciences, Tsinghua University  
1997 Professor, Tsinghua University  
1995 Standing Director of Institute of STS of School of Humanities and Social Sciences, Tsinghua University

### **f) Public and Academic Service (selected)**

- Vice-President of the Chinese Society of Studies in Science of Science and Policy of Science & Technology. Since 2001 ;
- Vice General Editor of Studies in Science of Science; since 2001

### **g) Study and Research Experience Abroad**

- Visiting Professorship (by British Academy) in The Institute for the Study of Science, Technology and Innovation (ISSTI), Edinburgh University, 2005.5-6 (one month);
- Guest Researcher in Division of History, Philosophy, and Social Studies of Science and Technology, Graduate School of Decision Science and Technology, Tokyo Institute of Technology 2002.10.1-31 (one month)
- Senior Visiting Scholar in Institute of STS, Penn State University, USA, 2000.11-2001.2 (three months)
- Visiting Scholar of University of Victoria, B.C., Canada, 1989(13 months)

### **h) PART of RESEARCH PROJECTS:**

- Studies in Coordination Mechanism of Basic Research Investment in Contemporary China, Sponsored by National Science Foundation of China, 2006-2007
- Studies on the Mechanism of Monitoring and Evaluation for the Performance of National Action Plan of Civic Literacy, Sponsored by China Association and Technology, 2006-2007
- Studies on S&T Communication and Popularization of S&T with Civic Literacy, Sponsored by China Association and Technology, 2005-2008

- Innovative Study Base for S&T and Society Development, Sponsored by the 2nd Period of National 985 Programme. 2004-2007
- Globalization of Knowledge Capital and Innovation of S&T , Sponsored by China National Social Science Foundation, 2003-2006
- The Mechanism and Strategy of Prompting the Combination of Knowledge Innovation and Technology Innovation by National Science Foundation, Sponsored by National Science Foundation of China,2000-2001
- University in the National Innovation System. Sponsored by Tsinghua University, 1999-2001
- Human Resource Strategy for Basic Research, Sponsored by China Ministry of Science and Technology. 1999-2000
- Took part in the project of the Optimization Allocation of Resources of Science and Technology, Sponsored by China National Science Foundation, 1997
- Took part in the project of the Studies of Planning Science Policy in China, Sponsored by State Committee of Science and Technology, 1996

**i) PART of PUBLICATIONS (and PRIZE):**

**(1) Works and Papers**

- LIU Xiao-ling, ZENG Guo-ping, Scientific Research and its Running Mode of Organization in Modern Society. Studies in Science of Science, 2007(4):
- LIU Xiaoling, ZENG Guoping, Scientific Organizations: Between the Scientific Autonomy and Social Shaping, Science of Science and Management of S&T, 2007(5):162-168
- Guoping ZENG, Xiaoqin TAN. Two Puzzles of Late Developer Countries Entering Globalization of Science——The Case of China, The 9th International Conference on Public Communication of Science and Technology, 17~19 May, 2006 , Seoul. Korea
- ZENG Guo-ping, YUAN Hang, How Close Does Scientific Explanation Related to Understanding ? ----An Analysis Based on some Important Models of Scientific Explanation, JOURNAL OF DIALECTICS OF NATURE, 2006(10): 18-22
- YUAN Hang, ZENG Guo-ping, Paying attention on Scientific Understanding, Philosophical Trends , 2006 ( 7 ) : 66-71
- ZENG Guoping, Rethinking of Philosophy of Industry , Philosophical Research , 2006 ( 8 ) : 3-8
- ZENG Guoping, GAO Lianhua, A Review on the Studies of Philosophy of Industry, Philosophical Trends, 2006 ( 7 ) : 18-23
- LI Chun-jing; ZENG Guo-ping , On Service Innovation Systems Based on the Knowledge-Intensive Activity , Studies in Dialectics of Nature , 2006 ( 7 ) : 102-106
- LIU Li , ZENG Guoping , “ Trends of Policy Transition of S&T in Developed Countries , in : Ed. By LI Zhengfeng, Toward to Science and Technology Studies. Beijing: People's Press, 2006, 345-358
- GE Qiuping, ZENG Guoping, Mechanism of Leaping to Market of Capitalizing Knowledge , Contemporary Finance & Economics, 2006(9): 17-20

- Guoping ZENG, Xiaoqin TAN. TWO PUZZLES OF LATE DEVELOPER COUNTRIES ENTERING GLOBALIZATION OF SCIENCE—THE CASE OF CHINA, The 9th International Conference on Public Communication of Science and Technology, 17~19 May, 2006 , Seoul. Korea ( Chinese Vision in: Democracy & Science, 2006 ( 4 ) : 5-7
- ZENG Guoping, On Science Communication and Popularization from National Innovation Systems, Science Popularization, 2006(1): 13-18
- TO Cho Kei, LI Chunjing, ZENG Guoping, Revitalization of Hong Kong's manufacturing industry based on the development of high technology, Studies in Science of Science, 2005( 6): 784-789
- ZENG Guoping, A Philosophical Concern of Industry and Era, Academic Journal of Jinyang (Bimonthly), 2005(6): 50-5
- ZENG Guoping, On Industry Practice, China-Russia Meeting on S&T Innovation, Moscow, 2005-08
- WAN Changsong , ZENG Guoping ,“Quadruplicitism” and Philosophy of Industry , Studies in Dialectics of Nature, 2005,11(10):43-46
- ZENG Guoping, Science, Technology and Civilization: A Viewpoint of Philosophy of Industry, The 1st Sustainable Management Forum in Tsinghua University, 2005-1-15 ( internal print copy )
- GE Qiuping, ZENG Guoping. The Challenges of Knowledge Capital and Innovation of System Institution. Science and Technology Management Research, 2005 (2): 13-15
- SHI Chunzheng, ZENG Guoping, Type and Degree of Innovation in Science and Technology: Review and Analysis Based on the Physics Nobel Prize, Journal of Henan University (Natural Science), 2005. 35(1): 105-110
- TAN Wenhua, ZENG Guoping, The “S” Curve of R&D/ GDP and Thoughts on Steady Growth of China's R&D, China Soft-Science, 2005(1): 94-98
- LI Zhengfeng, ZENG Guoping , OECD NIS project and it's significance :from theory toward policy, Studies in Science of Science, 2004, 22(2): 206-211
- ZENG Guoping, The Progress of Science and Technology and the Development of the Dialectics of Nature, JOURNAL OF TSINGHUA UNIVERSITY (Philosophy and Social Sciences) ,2004, 19(1): 79-82
- ZENG Guoping, TAN Wenhua The development path of states R&D and basic research and its inspirations, Studies in Science of Science,2003 Vol. 21 No. 2: 154-156
- TAN Wenhua, ZENG Guoping, Thoughts from the Development Process of US's Basic Research, R&D MANAGEMENT, 2003,15(5): 365-369
- Wei Hongsen, ZENG Guoping. Systematicism. Beijing: Press of Tsinghua University. 1995, 350p. (Second Grade Prize in Studies of Social Science of Beijing, Oct. 1996)
- ZENG Guoping. The Theory of Dissipative Structure, Time and Epistemology. Journal of Dialectics of Nature. 1996(6): 1-8.
- ZENG GUOPING, A Self-organizing Viewpoint of Nature, Beijing: Peking University Press.1996, 300p.; ( First Grade Prize in Studies of Social Science of Beijing, 1998)
- System Evolution and Sustainable Development. Journal of Tsinghua University (Philosophy and Social Sciences). 1996(2): pp24-28

- ZENG Guoping, An Analysis of “We Need a More Dialectic Viewpoint of Nature”, JOURNAL OF RENMIN UNIVERSITY OF CHINA, 2004(2): 89-94
- YIN Yuzhe<sup>1</sup>, ZENG Guoping, Characteristics and Discussion of Highly Market Coupled Research and Development Management, SCIENTIFIC RESEARCH and MANAGEMENT, 2003,21(4): 40-50
- ZENG Guoping, Towards science and technology studies, Studies in Science of Science, 2003, 21(1): 1-7
- ZENG Guoping , TAN Wenhua, The development path of states’ R&D and basic research and its inspirations, Studies in Science of Science, 2003, 21(2): 154-156
- ZENG Guoping, Reflecting on Several Points of Philosophy of S&T by The SARS, Philosophical Trends, 2003 ( 9 ) : 37 ~ 38
- WU Tong, LI Zhengfeng, ZENG Guoping. Evaluating on basic research and national goal, Studies in Science of Science ,2002, Vol. 20 No. 4: 343-347
- ZENG Guoping, Carrying forward Traditions of Dialectics of Nature to Construct Disciplinary Group of Science and Technology Studies, Journal Beijing University of Chemical Technology, 2002, 38(3): 9-14
- ZENG Guoping , etc. Philosophical Studies about Cyberspace. Beijing: Tsinghua University Press, 2002. 305p
- ZENG Guoping, LI Zhengfeng, TO Choyee. Thinking about Contemporary Differentiation of Scientific Community and Academic Internationalization, JOURNAL OF DIALECTICS OF NATURE, 2002(6): 32-43
- LI Zhengfeng, ZENG Guoping, DU Zuyi. The Current Trend, Rational, and Facilitator of Academic Internationalization, Studies in Dialectics of Nature, 2002 ( 3 ) 18 : 32-34
- ZENG Guoping , LI Zhengfeng . ON Scientific Communication and Academic Evaluation in National Innovation System, Studies in Dialectics of Nature, 2001,17 ( Additional ) : 72-77
- Loet Leydesdorff, ZENG Guoping University-Industry-Government Relations in China: An Emergent National System of Innovation, Industry & Higher Education. June 2001, 15(3):179 ~ 182(English)
- Li Zhengfeng, ZENG Guoping, Zhang Jingjing. Innovation System in China: 1978 to 1998. In: China’s future in the knowledge economy. Centre for Strategic Economic Studies of Victoria University, and Tsinghua University Press, 2002.270-284
- ZENG Guoping , TAN Wenhua , LI Zhengfeng . The trends and problems in R&D and BR in China from international comparative . International Conference: Regional Innovation Systems and Science and Technology Policies in Emerging Economies: Experiences from China and the World, in Zhongshan (Sun Yat-sen) University, Guangzhou, from April 19th to 21st, 2004(English)
- LI Zhengfeng ,ZENG Guoping OECD NIS project and its significance: from theory toward policy , Studies in Science of Science, 2004,22(4):206 ~ 211
- LI Zhengfeng ,ZHU Fuyuan ,ZENG Guoping An brief analysis on the characteristics of European innovation system and its problems, Studies in Science of Science, 2002, 20(2): 214 ~ 217

- ZENG Guoping, LI Zhengfeng , Research and Development in China : Traditions, transformations, and the future of science and technology policy , The Harvard Asia Pacific Review , Fall 2002 : 34-36 (English)
- LI Zhengfeng, ZENG Guoping Eds. Innovation System Approach and the European Integration. Jinan: Shandong Education Press, 2001, 420p
- LI Zhengfeng, ZENG Guoping, On the Innovation System of China. Jinan: Shandong Education Press, 1999, 320p.
- ZENG Guoping, LI Zhengfeng. ed. National Innovation Systems in Countries-- Production, and Use of Knowledge, 1999, 290p.
- ZENG Guoping, Li Zhengfeng, National Innovation System: Integration and Interactivity of Technology Innovation, Knowledge Innovation and Institutional Innovation. Studies in Dialectics of Nature. 1998(11): 18-22
- ZENG Guoping, Li Zhengfeng, Cybernetics· Cyberspace Cyberculture. Philosophical Trends. 1998(5): 66-67
- ZENG Guoping, New Trends in the US State Governments Involving in S&T Activities Studies in Science of Science. 1998(2) 77-81
- ZENG Guoping, Li Zhengfeng, Knowledge Economy and Industry Economy: In: Eds. By Wang Xingchen. etc. Knowledge Economy. Beijing: Chinese Economy Press, 1998. 171-182
- ZENG Guoping, The Distribution and Investment of R&D. Daily of Science and Technology. Dec. 18, 1997
- ZENG Guoping, R&D Evolution since the World War II in U.S. Meeting about R&D Investment in China. Beijing, Oct. 1997
- WEI Hongsen, ZENG Guoping, Information Technology and Management Transformation, International Conference of Computer, Freedom and Privacy, MIT, US, 1996

**(2) Translations:**

- Paul Cilliers , Complexity & postmodernism : understanding complex systems eng , Trans by ZENG Guoping , Shanghai: Shanghai Scientific and Technological Education Publishing House, 2006
- Prigogine, Is Future Given. Trans. By ZENG Guoping. Shanghai: Shanghai Scientific and Technological Education Publishing House, 2005
- Collection of Nobel Prize in Chemistry(1900-2000), 3 Vols, ZENG Guoping as Translators in chief, Fuzhou: Fujian Peoples Publishing House, 2004, 1200p.
- John Ziman. Real Science-- What It Is, And What It Means. Trans. by ZENG Guoping, etc. Shanghai: Shanghai Scientific and Technological Education Publishing House, 2002
- John Ziman. ed. Technological Innovation as an Evolutionary Process. Trans. by SUN Xijie, ZENG Guoping. Shanghai: Shanghai Scientific and Technological Education Publishing House, 2002
- William J. Clinton, Albert Gore, Jr. Science in the National Interest. Trans. by ZENG Guoping, WANG Pusheng. Beijing: Scientific and Technical Documents Publishing House, 1999

- Klaus Mainzer. Thinking in Complexity-- The Complex Dynamics of Matter, Mind and Mankind. Trans. by ZENG Guoping. Beijing: Central Complication & Translation Press, 1999
- Erich Jantsch. The Self-Organizing Universe-- Scientific and Human Implications of the Emerging Paradigm of Evolution. Trans. by ZENG Guoping, etc. Beijing: China Social Sciences Press, 1992
- M. Eigen. The Hypercycle, Trans. By ZENG Guoping and SHENG Xiaofeng Shanghai: Shanghai Translation Press. 1990.

#### **j) TEACHING EXPERIENCE**

- 1) For undergraduates: Strategy and Management of High-Tech, History of Natural Science etc. Needham's Paradox : A elementary study based on ancient thoughts of science
- 2) For postgraduate: Dialectics of Nature (STS), Research on Systemicism: The Application of Self-organization Theories in Social Research, Selected reading in STS. Science of Science and Policy of S&T