

## Curriculum Vitae



ZHENG Cheng

Ph.D., Professor

Institute for the History of Natural Sciences, Chinese Academy of Sciences

## Education

Ph. D. in History of Science, Institute for the History of Natural Sciences, CAS, June 2012

Master of Science in History of Science and Technology, Shanghai Jiao Tong University, March 2007

Bachelor of Science in Environmental Science, Beijing Forestry University, July 2004

## Employment History

Assistant Professor, Institute for the History of Natural Sciences, CAS (July 2012 – March 2015)

Associate Professor, Institute for the History of Natural Sciences, CAS (April 2015 – June 2023)

Professor, Institute for the History of Natural Sciences, CAS (July 2023 – now)

## Research Interest/Areas

Science and Technology in Ming-Qing period, History of Military Technology

## Selected publications

### Books

郑诚，明清火器史丛考，上海：上海三联书店，2022。

【*Gunpowder Weaponry and Warfare in Ming- Qing China*, by Zheng Cheng, Shanghai: Shanghai Jointing Publishing Company, 2022.】

郑诚著，火药与火器，长沙：湖南科学技术出版社，2020。

【*An Illustrated History of Gunpowder Weapons in China*, by Zheng Cheng, Changsha: Hunan Science and Technology Press, 2020.】

（明）祁承燝撰，鄭誠整理，澹生堂讀書記 澹生堂藏書目，中國歷代書目題跋叢書（第四

- 輯), 上海: 上海古籍出版社, 2015。修訂再版, 2020。
- 【*The Selected Essays, Letters, and Diaries of the 17<sup>th</sup> century Bibliophile Qi Chenghan and the Catalogue of his Library (Danshengtang)*, compiled by Zheng Cheng, Shanghai: Shanghai Guji Press, 2015. revised edition, 2020.】
- (宋) 曾公亮等撰, 鄭誠整理, 武經總要前集, 中國科技典籍選刊 (第二輯), 長沙: 湖南科學技術出版社, 2017。
- 【A new critical edition of *Wujing zongyao qianji* (Complete essentials of the military classics: part one), edited by Zheng Cheng, in *Zhongguo keji dianji xuankan* (Selection of classical works on Chinese science and technology) series 2, Changsha: Hunan Science and Technology Press, 2017.】
- (明) 李之藻撰, 鄭誠輯校, 李之藻集, 北京: 中華書局, 2018。
- 【A collection of *Li Zhizao's writings*, compiled by Zheng Cheng, Beijing: Zhonghua Book Co., 2018.】
- (明) 趙士楨等撰, 鄭誠整理, 明清稀見兵書四種, 中國科技典籍選刊 (第三輯), 長沙: 湖南科學技術出版社, 2018。
- 【A new critical edition of *four rare military books during the Ming-Qing period*. edited by Zheng Cheng, in *Zhongguo keji dianji xuankan* (Selection of classical works on Chinese science and technology) series 3, Changsha: Hunan Science and Technology Press, 2018.】
- (明) 何良燾等撰, 鄭誠整理, 明清之際西法軍事技術文獻選輯, 中國科技典籍選刊 (第四輯), 長沙: 湖南科學技術出版社, 2019。
- 【A selection of *Chinese treatises on European military technology during the Ming-Qing transition period*. edited by Zheng Cheng, in *Zhongguo keji dianji xuankan* (Selection of classical works on Chinese science and technology) series 4, Changsha: Hunan Science and Technology Press, 2019.】
- (朝鮮) 柳成龍等著, 鄭誠整理, 懲毖錄 (外一種), 上海: 上海交通大學出版社, 2019。
- 【A critical edition of *Ryu Seong-ryong's Jingbirok with Tangjiang shutie*, edited by Zheng Cheng, Shanghai: Shanghai Jiao Tong University Press, 2019.】
- (明) 傅浚著, 鄭誠、馬義德 (Д. И. Маяцкий) 整理, 鐵冶志, 中國科技典籍選刊 (第七輯), 濟南: 山東科學技術出版社, 2023。
- 【A critical edition of *Fu Jun's Tieye zhi* (Book of Zunhua Ironworks), edited by Zheng Cheng and Д. И. Маяцкий, Jinan: Shandong Science and Technology Press, 2023.】

## Articles

- ZHENG Cheng, "On He Chengtian's Rate of Precession", *Journal of SJTU (Philosophy and Social Sciences)*, 2007, 15(1): 50-57.
- ZHENG Cheng, JIANG Xiaoyuan, "The Origin and Influence of Traditions Relating to He Chengtian's Investigation of Indian Calendrical Science", *Chinese Culture*, 2007, 25/26: 61-71.
- ZHENG Cheng, "On the Life and Family of Li Zhizao", *Tsing Hua Journal of Chinese Studies*, 2009, 39 (4): 653-684.
- ZHENG Cheng, ZHU Yiwen, "A New Research on *Shushu Jiuzhang*", *Studies in the History of Natural Sciences*, 2010, 29 (3): 319-328.
- ZHENG Cheng, "The Trace Italienne in China: Introduction of European Fortification in the Late Ming", *Studies in the History of Natural Sciences*, 2011, 30 (2): 129-150.
- ZHENG Cheng, "A Preliminary Survey on the Annotated and Emended version of *Jihe Yuanben* in

- the National Science Library", in *Xu Guangqi and Euclid's Elementorum in Chinese* (Shanghai: Shanghai Jiao Tong University Press, 2011), pp.220-228.
- ZHENG Cheng, "A Study of *Zhu Rong Zuoli*: Artillery Handbook in Late Ming", *Studies in the History of Natural Sciences*, 2012, 31(4): 457-483.
- ZHENG Cheng, "Recently Discovered Documents Relating to Matteo Ricci", *Historic Studies on Macao*, 2013, 12: 164-172.
- ZHENG Cheng, "The Introduction and Development of European Cannon (Fagong) in the 16-17th Century China", *Studies in the History of Natural Sciences*, 2013, 32(4): 504-522.
- ZHENG Cheng, "The Textual History of *Wujing Zongyao*", in *Siku Wencong* vol. 2 (Shanghai: Shanghai Jiao Tong University Press, 2014), 93-108.
- ZHENG Cheng, "Bo Jue and his Astronomical Works", *The Chinese Journal for the History of Science and Technology*, 2015, 36(2): 142-157.
- ZHENG Cheng, "Some Notes on the European Cannon in the Battle of Ningyuan 1626," in *Studies on the History of Technology in Multidisciplinary Perspectives: Proceedings of the 3rd Forum on the History of Technology in China* (Hefei: Press of University of Science and Technology of China, 2015), 225-228.
- ZHENG Cheng, "From Folangji to Yegong pao: the Evolution of Firearms in the Later Period of Ming Dynasty" in *Proceedings of the 7th Forum of Chinese and Japanese Scholars on the History of Ancient China* (Beijing: China Social Sciences Press, 2016), 285-335.
- ZHENG Cheng, "Notes on the History of Firearms in China: *Fire-Drake Manual* and Fireworks Craftsman", *Studies in the History of Natural Sciences*, 2016, 35(4): 439-450.
- ZHENG Cheng, "The Chinese Sources of Ming dynasty on the Imjin war", *Essays in Ming History*, 2016, Issue 15, Beijing: China Social Sciences Press, 2016, 185-198.
- ZHENG Cheng, "The Introduction of European Fortification in the Late Ming Period", translated into English by YU Yueyuan, *Chinese Annals of History of Science and Technology*, Dec. 2017, 1 (2): 18-70.
- ZHENG Cheng, ZHANG Xiaojing, "Notes on Five Song and Yuan editions of Haiyuan Pavilion Collection in the Russian State Library", *Bibliographical Studies of Traditional Chinese Texts*, No. 8, Beijing: Peking University Press, 2018, 373-392.
- ZHENG Cheng, "Steamships in China before the First Opium War", *National Maritime Research*, No. 21, Shanghai: Shanghai Guji Press, 2018, 134-149.
- ZHENG Cheng, "A Research on the *Shuiche tushuo* and K. A. Skachkov's Study of Chinese Agriculture", *The Chinese Journal for the History of Science and Technology*, 2019, 40(4): 412-429.
- ZHENG Cheng, "From Dalian to Moscow: Notes on the Russian State Library's Chinese Rare Books from the SMR Dalian Library", in Yang Haizheng ed., *Shufang Tianlu: History of the Old Chinese Books Collections Abroad*, Issue 1, Tianjin: Tianjin Renmin Press, 2020, 242-269.
- ZHENG Cheng, "Mapping Beijing in the Nineteenth Century: Bichurin's Plan of Peking and its Successors", in Liu Zhongyu ed., *Image Historical Studies (2020A)*, Issue 15, Beijing: Social Sciences Academic Press, 2020, 301-338.
- ZHENG Cheng, "The Earliest Image of Chinese Ink-stick in European Publication", in Archive for the Introduction of Western Learning at Sun Yet-sen University ed., *Research on the Introduction of Western Learning*, Volume 9: *Introduction of logic and natural science in Ming and Qing*, Beijing: Commercial Press, 2020, 258-265.

- WU Huiyi, ZHENG Cheng, "Transmission of Renaissance herbal images to China: the Beitang copy of Mattioli's commentaries on Dioscorides and its annotations", *Archives of Natural History*, 2020, 47 (2): 236–253.
- ZHENG Cheng, "The Autograph Manuscript and Early Printed Editions of Ryu Seong-ryong's *Jingbirok*", *Renwen*, vol. 4, Beijing: China Social Sciences Press, 2020, 236-258.
- ZHENG Cheng, "Notes on a Rare Document in Opium War: Ningbo Regulations of Ransom Payment of Goods and Tariff Rate Issued by British Occupying Forces in 1841", *Tianyi Pavilion Series*, Vol. 18, Hangzhou: Zhejiang Guji Publishing House, 2021, 109-111.
- ZHENG Cheng, "The Legacy of Bichurin: Research on the New Style Chinese Maps of Beijing in the Late Qing Period", in Zhao Huanxi ed., *Historical Geography of Beijing in the Late Qing Dynasty and Early Republic of China*, Beijing: Xueyuan Press, 2021, 334-357.
- ZHENG Cheng, "Chinese Treatises on European Military Technology during the Ming-Qing Transition Period", *Chinese Literature and History (Wenshi Zhishi)*, 2021, (2): 14-21.
- ZHENG Cheng, "Publishing of the 'Western Books' and Wartime Trade in the Eastern Border: Study of the Huizhou Merchant Wang Ruchun in the Late Ming", *Essays in Ming History*, 2021, Issue 19, Beijing: China Social Sciences Press, 2021, 180-193.
- ZHENG Cheng, "A Survey of the pre-1912 Chinese Books in the College Libraries of the Cambridge University", *Shuzhi*, Issue 3, Beijing: Zhonghua Book Co., 2022, 247-281.
- ZHENG Cheng, "Nie Huang and European Learning: A Study of *Haicuo Tu* and *Xingcun Lu*", *International Sinology*, 2022, (4): 87-95.
- ZHENG Cheng, "Bibliophile Xu Xingke and the Library of Chinese Academy of Sciences", in Liu Weicheng, Wang Tao ed., *The Collected Studies of Xu Xingke*, Beijing: National Library Press, 2023, 86-109.
- ZHENG Cheng, "Research on the Pre-1894 Weihaiwei Artillery Fort Plans in Russia", *Journal of National Museum of China*, 2023, (7): 101-121.