

## CURRICULUM VITAE

updated June 2020

### DAGMAR SCHÄFER

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### ACADEMIC POSITIONS

Managing Director, Max Planck Institute for the History of Science, Berlin	07/2019–
Guest Professor, Tianjin University	2018–2021
Guest Professor, School of History and Culture of Science, Shanghai Jiao Tong University	07/2016–2017
Adjunct Professor, Institute of Sinology, Freie Universität Berlin	11/2016–
Honorary Professor, History of Science and Technology, Technische Universität Berlin	07/2015–
Director, Department III, Max Planck Institute for the History of Science, Berlin	04/2013–
Head of Department of East Asian Studies, University of Manchester	04/2013–
Professor and Chair of Chinese Studies and History of Technology, School for Arts and Languages, University of Manchester	09/2011–07/2015
Director, Confucius Institute Manchester	08/2011–07/2013
Director, Independent Research Group “Concepts and Modalities: Practical Knowledge Transmission” (China, 10th–18th century), Max Planck Institute for the History of Science, Berlin	05/2006–08/2011
Assistant Professor, Department of Chinese Studies, Julius-Maximilians-University of Würzburg	04/2005–08/2005

### PROFESSIONAL POSITIONS AND COOPERATIONS

Principal Investigator in joint research project cooperation between the Max Planck Institute for the History of Science (MPIWG) and the Palace Museum (PM) in Beijing, China	2013–2015
Principal Investigator, British Inter-University Centre for Chinese Studies	2012–2013
Research Director of the Division for Language-Based Area Studies	2012–08/2013
Principal Investigator in joint research project cooperation between the Max Planck Institute for the History of Science (MPIWG) and the Palace Museum (PM) in Beijing, China	12/2007–2011
Supervisor of Partner Group of the Chinese Academy of Science (CAS) and the Max Planck Society (MPG) at the Institute of the History of Natural Science (IHNS), Beijing, China	09/2007–08/2012

### EDITORIAL POSITIONS

Editor in Chief, <i>Transfers. Interdisciplinary Journal of Mobility Studies</i>	2018–2019
Guest Editor, <i>Crossroads: An Interdisciplinary Journal of Southeast Asian Studies</i> , special issue <i>History of Science and Technology across the Silk Roads</i>	2017–
Series Editor (with Benjamin Elman and Kim-Yunk Sik), <i>Science and Religion in East Asia</i>	2015–

### EDITORIAL BOARD MEMBER POSITIONS

Editorial Board, <i>Journal of Chinese History</i>	2020–
Senior Advisory Board, <i>Journal for East Asian Science, Technology, Medicine</i> (EASTM)	2019–2021
Steering Committee, <i>China Biographical Database</i> (CBDB)	2017–
Editorial Board, <i>Ambix</i>	2017–
Editorial Board, <i>Osiris</i>	2016–
Editorial Board, <i>Transversal: International Journal for the Historiography of Science</i>	2016–
International Committee, <i>Artefacts</i>	2014–
Series Editorial Board, <i>Edition Open Access</i> (EOA)	2013–

## **EDUCATION**

Habilitation University of Würzburg, Chinese Studies ( <i>opus eximium</i> )	2005
Ph.D. Chinese Studies, Japanese Studies, Political Science Julius-Maximilians-University of Würzburg ( <i>opus eximium</i> )	1996
M.A. Chinese Studies, Japanese Studies, Political Science Julius-Maximilians-University of Würzburg ( <i>summa cum laude</i> )	1993

## **AWARDS AND FELLOWSHIPS**

Gottfried Wilhelm Leibniz Prize German Research Foundation (DFG)	2020
Member of the School of Historical Studies, Residential Scholarship Institute for Advanced Study, Princeton, New Jersey	01/2019–04/2019
Joseph Levenson Book Prize (pre-1900 category) Association for Asian Studies <i>The Crafting of the 10,000 Things</i>	2013
Pfizer Award, History of Science Society (HSS) Best scholarly work and outstanding book <i>The Crafting of the 10,000 Things</i>	2012
Award for Excellent and Outstanding International Research Ruchti-Stiftung	2006
Scholarship for Outstanding Scholars Bavarian Ministry of Science	2005–2006
Individual Fellowship Max Planck Institute for the History of Science	09/2005–10/2005
HWP Scholarship Bavarian state scholarship for outstanding academics	2003–2004
DFG Grant Dept. of Sinology, University of Würzburg	2001–2004
Academia Sinica, Research Grant P.R. China, Beijing	09/2002–11/2002
DFG Research Grant Taiwan, National Tsing Hua University	03/2002–07/2002
Academia Sinica, Research Grant P.R. China, Beijing	01/2002–02/2002
Post-Doctoral Fellowship University of Würzburg	1998–2001
Award for Excellent Research Unterfränkische Gedenkstiftung	1997
DFG PhD Scholarship	1994–1996
Academic Exchange Scholarship (DAAD) P.R. China, National Zhejiang University Dept. of Chinese History and Journalism	1990–1991

University of Würzburg, Exchange Scholarship P.R. China, National Zhejiang University	1990
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## **PROJECT-BASED RESEARCH GRANTS**

Principal Investigator <i>Translation Terroirs—East Asian and European Maps between Language, Ritual and Space</i> Research team of three, funded by the DFG	08/2018–07/2021
Project Director <i>Chinese Local Gazetteers: Producing Full Texts and Making Them Open-Access</i> Cooperative research project of MPIWG and Harvard-Yenching Library (HYL), funded by the Chiang Ching-kuo Foundation (CCK) Database Grant	2018–2019

## **LIST OF PUBLICATIONS**

### **Books**

- The Crafting of the 10,000 Things: Knowledge and Technology in 17th-Century China*. Chicago: University of Chicago Press, 2011. Translated into Chinese as: *Gong kai wan wu: 17 shi ji Zhongguo de zhi shi yu ji shu* 工开万物: 17 世纪中国的知识与技术. Jiangsu ren min chu ban she 江苏人民出版社: Nanjing 南京, 2015.
- Weaving an Economic Pattern in Ming Times (1368–1644): The Production of Silk Weaves in the State-Owned Silk Workshops*. Co-authored with Dieter Kuhn. Heidelberg: edition forum, 2002.
- Des Kaisers seidene Kleider. Staatliche Seidenmanufakturen in der Ming-Zeit (1368–1644)* [Silk Cloth for the Emperor: State-owned Silk-Workshops during the Ming Dynasty (1368–1644)]. Heidelberg: edition forum, 1998.

### **Edited Volumes and Special Issues**

- Ownership of Knowledge. Beyond IP*. Co-edited with Annapurna Mamidipudi, Marius Buning, and Mario Biogioni. MIT Press, forthcoming.
- Seri-Technics: Historical Silk Technologies*. Co-edited with Giorgio Riello and Luca Molà. Max Planck Research Library for the History and Development of Knowledge, Studies 13, forthcoming.
- The History of Science in a World of Readers*. Co-edited with Angela N. H. Creager. Max Planck Research Library for the History and Development of Knowledge, Studies 11. Berlin: Edition Open Access, 2019. [Open Access](#)
- 科学史新论：范式更新与视角转换 (History of Science Reader). Co-edited with Angela N.H. Creager. Translated by Wu Xiujie 吴秀杰. Series: 科学与社会译丛, edited by Liu Dong 刘东, Dagmar Schäfer 薛凤, and Angela N. H. Creager 柯立哲. 浙江大学出版社. Zhejiang University Press, 2019.
- Accounting for Uncertainty: Prediction and Planning in Asian History*. Co-edited with Michael Lackner, and Zhao Lu. MPIWG Preprint no. 496. Berlin: Max Planck Institute for the History of Science, 2019. [Open Access](#)
- Animals through Chinese History: Earliest Times to 1911*. Co-edited with Roel Sterckx, and Martina Siebert. Cambridge: Cambridge University Press, 2018. [Open Access](#)
- Threads of Global Desire*. Co-edited with Giorgio Riello and Luca Mola. Suffolk: Boydell & Brewer, 2018.
- “Knowledge Spheres: Borderlines and Intersections of Expertise and Knowing in China, Song to Qing,” co-edited with Sun Xiaochun, special issue, *EASTM* 38/39 (2013/2014). [Open Access](#)
- Rice: Global Networks and New Histories*. Co-edited with Francesca Bray, Peter Coclanis, and Edda Fields-Black. Cambridge: Cambridge University Press, 2015.

“Globalisierung und Transnationaler Techniktransfer,” co-edited with Marcus Popplow, special issue in *TG Technikgeschichte* 80, no. 1 (2013).

*Cultures of Knowledge: Technology in Chinese History*. Leiden: Brill, 2012.

### **Articles and Chapters in Books**

“Things (Wu) and Their Transformations (Zaowu) in the Late Ming Dynasty: Song Yingxing’s and Huang Cheng’s Approaches to Mobilizing Craft Knowledge.” In *Entangled Itineraries: Materials, Practices, and Knowledges across Eurasia*, edited by Pamela H. Smith, 63–78. Pittsburgh: University of Pittsburgh Press, 2019.

“Introduction,” with Florence Hsia. *Technology and Culture* 60, no. 2 (2019): 554–61.

“History of Science, Technology, and Medicine: A Second Look at Joseph Needham,” with Florence Hsia. *Isis* 110, no. 1 (2019): 94–99. [Open Access](#)

“Introduction: Knowing Animals in China’s History,” with Martina Siebert and Roel Sterckx. In *Animals through Chinese History: Earliest Times to 1911*, edited by Dagmar Schäfer, Martina Siebert, and Roel Sterckx, 1–19. Cambridge: Cambridge University Press, 2018. [Open Access](#)

“Great Plans: Song Dynastic (960–1279) Institutions for Human and Veterinary Healthcare,” with Han Yi. In *Animals through Chinese History: Earliest Times to 1911*, edited by Dagmar Schäfer, Martina Siebert, and Roel Sterckx, 160–80. Cambridge: Cambridge University Press, 2018. [Open Access](#)

“Unpacking the Chinese Library.” In *Bibliotechnica: Humanist Practice in Digital Times*, edited by John Tresch, 117–43. Fondazione Giorgio Cini, 2018. [Open Access](#)

“Kranzberg’s Fifth Law.” *technologystories.org* (SHOT), available at <https://www.technologystories.org/fifth-and-fourth-laws>, 2018.

“Drunken Talk: Political Discourse and Alcohol Consumption During the Northern Song Dynasty (960–1127 CE).” In *Reading the Signs: Philology, History, Prognostication; Festschrift for Michael Lackner*, edited by I. Amelung and J. Kurtz, 303–16. München: Iudicum, 2018.

“10000 Dinge – Modelle und Technologie im China der Ming (1369–1645)- und Qing (1645–1912)-Periode.” In *Wissensaustausch und Modernisierungsprozesse zwischen Europa, Japan und China*, edited by C. Eberspächer, A. Labisch, and Li Xuetao, 113–26. Halle: Leopoldina, 2018.

“Editorial: Mobility Studies, a Transdisciplinary Field.” *Transfers* 8, no.1 (2018): vii-x.

“Translation History, Knowledge and Nation Building in China.” In *The Routledge Handbook of Translation and Culture*, edited by S.-A. Harding and O. Carbonell Cortes, 134–53. New York: Routledge, 2018.

“The Historical Roots of Modern Bridges: China’s Engineers as Global Actors.” In *Technology and Globalisation: Networks of Experts in World History*, edited by Lino Camprubi and David Pretel, 27–40. London: palgrave macmillan, 2018.

“Introduction: Silk in the Pre-Modern World,” with Giorgio Riello and Luca Molà. In *Threads of Global Desire*, edited by Giorgio Riello and Luca Mola, 1–18. Suffolk: Boydell & Brewer, 2018.

“Power and Silk: The Central State and Localities in State-owned Manufacture During the Ming Reign (1368–1644).” In *Threads of Global Desire*, edited by Giorgio Riello and Luca Mola, 21–48. Suffolk: Boydell & Brewer, 2018.

“China und Japan.” In *Handbuch Wissenschaftsgeschichte*, edited by M. Sommer, S. Müller-Wille, and C. Reinhardt, 166–77. Stuttgart: Metzler, 2017

“Interpreting the Collection and Display of Contemporary Science in Chinese Museums as a Reflection of Science in Society,” with Song, J.-O. In *Challenging Collections: Approaches to the Heritage of recent Science and Technology*, edited by A. Boyle and J.-G. Hagmann, 88–102. Washington, D.C.: Smithsonian Institution Scholarly Press, 2017.

“Thinking in Many Tongues: Language(s) & Late Imperial China’s Science.” *Isis—A Journal of the History of Science Society* 108, no. 3 (2017): 621–28. [Open Access](#)

“Science in the Medieval East.” In *Oxford Illustrated History of Science*, edited by Iwan Rhys Moreus, 108–42. Oxford: Oxford University Press, 2017.

- “Knowledge by Design – Architecture and Jade Models During the Qianlong 乾隆 Reign (1735–1796).” In *The Structures of Practical Knowledge*, edited by Matteo Valleriani, 271–86. Cham: Springer, 2017. [Open Access](#)
- “Compiling a Database on Historical China from Local Records: the Local Gazetteers Project at MPIWG,” with S.-P. Chen, Z. Hong, M. Siebert, and J. Urzúa. In *Digital Humanities 2016: conference abstracts*; Kraków 11–16 July 2016, edited by Maciej Eder and Jan Rybicki, 453–55. Kraków: Jagiellonian University and Pedagogical University, 2016.
- “Books for Sustenance and Life: Bibliophile Practices and Skills in the Late Ming and Qi Chenghan’s Library Dansheng tang,” with Cathleen Paethe. In *Transforming Book Culture in China, 1600–2016*, vol. 6 of *Kodex – Jahrbuch der Internationalen Buchwissenschaftlichen Gesellschaft*, edited by Daria Berg and Giorgia Strafella, 19–47. Wiesbaden: Harrasowitz, 2016.
- “Techniques et territoires en Asie orientale,” with Aleksandra Kobiljski. In *Histoire des Techniques, Mondes, Sociétés, Cultures (XVI<sup>e</sup>–XVIII<sup>e</sup> Siècle)*, edited by Guillaume Carnino, Liliane Hilaire-Perez, and Aleksandra Kobiljski, 25–50. Paris: puf (Nouvelle clío), 2016.
- “Culture et technique,” with Marie Thébaud-Sorger. In *Histoire des Techniques, Mondes, Sociétés, Cultures (XVI<sup>e</sup>–XVIII<sup>e</sup> Siècle)*, edited by Guillaume Carnino, Liliane Hilaire-Perez and Aleksandra Kobiljski, 369–94. Paris: puf (Nouvelle clío), 2016.
- “Technology and Innovation within Expanding Webs of Exchange,” with Marcus Popplow. In *Expanding Webs of Exchange and Conflict 500CE–1500CE*, vol. 5 of *The Cambridge World History*, edited by B. Kedar and M. Wiesner-Hanks, 309–38. New York: Cambridge University Press, 2015.
- “Patterns of Design in Qing-China and Britain During the Seventeenth and Eighteenth Centuries.” In *Goods from the East, 1600–1800. Trading Eurasia*, edited by Maxine Berg, 107–18. Houndmills, Basingstoke: Palgrave Macmillan, 2015.
- “Knowledge Spheres: Borderlines and Intersections of Expertise and Knowing in China, Song to Qing,” with Xiaochun Sun, *EASTM*, no. 38 (2013): 9–16.
- “Media and Migration: Qing Imperial Approaches to Technological Knowledge Circulation.” In *Space and Location in the Circulation of Knowledge (1400–1800). Korea and Beyond*, edited by Marion Eggert, Felix Siegmund, and Dennis Würthner, 87–118. Frankfurt a. M.: Peter Lang, 2014.
- “Peripheral Matters: Salvage/Chef-de-piece Inscriptions on Chinese Silk Textiles.” *UC Davis Law Review* 47, no. 2 (2013): 705–33.
- “Globalisierung, Kulturvergleich und Transnationaler Techniktransfer als Herausforderung für die Technikgeschichte,” with Marcus Popplow. *Technikgeschichte* 80, no. 1 (2013): 3–11.
- “Formen und Funktionen von Verschriftlichung im klassischen China: Objekte und funktionale Inschriften während der Ming Dynastie (1368–1645).” In *Natur – Religion – Medien, Transformationen frühneuzeitlichen Wissens*, edited by Thorsten Burkard, Markus Hundt, Steffen Martus, Steffen Ohlendorf, 355–70. Berlin: Akademie-Verlag, 2013.
- “Technology and Innovation in Global History and in the History of the Global.” In *Writing the History of the Global, Challenges for the Twenty-First Century*, edited by Maxine Berg, 147–64. British Academy of Science, Oxford: Oxford University Press, 2013.
- “Objekt-Kultur und Kulturobjekt: Inschriften als Quelle für die Untersuchung globaler und lokaler Strukturen im Waren- und Wissensmanagement während der späten Ming-Zeit (16./17. Jahrhundert).” In *Spuren der Avantgarde: Theatrum Oeconomicum*, edited by H. Schramm, J. Lazardzig, and V. Tkaczyk, 45–75. Berlin and New York: Walter de Gruyter, 2013.
- “Silken Strands: Making Technology Work in China.” In *Cultures of Knowledge: Technology in Chinese History*, edited by Dagmar Schäfer, 45–73. Leiden: Brill, 2012.
- “Inscribing the Artifact and Inspiring Trust: The Changing Role of Markings in the Ming Era.” *East Asian Science, Technology and Society: An International Journal* 5, no. 2 (2011): 239–65.
- “Technologie und Innovation im vormodernen China: Ein historischer Überblick.” *Ferrum* 82, no. 1 (2010): 15–24.
- “Staunen und Forschen in wunderlichen Welten.” In *Wunderforschung: Ein Experiment von Kindern, Wissenschaftlern und Künstlern*, edited by K. Bödeker and C. Hammer, 118–21. Berlin: Nicolai-Verlag, 2010.

- “Ganying – Resonance in Seventeenth-century China: The Examples of Wang Fuzhi (1609–1696) and Song Yingxing (1589–ca. 1666).” In *Variantology 3: On Deep Time Relations of Arts, Sciences and Technologies in China and Elsewhere*, edited by Siegfried Zielinski and Eckhard Furlus, 225–54. Köln: König, 2008.
- “Matteo Ricci, der gelehrte Missionar.” *Spektrum der Wissenschaft* 14, no. 9 (September 2006): 88–97.
- “Der Außenstehende: Song Yingxing (1587–1666?).” In *Kritik im alten und modernen China*, edited by Heiner Roetz, 165–78. Wiesbaden: Harrasowitz, 2006.
- “The Congruence of Knowledge and Action: The Tiangong kaiwu and Its Author Song Yingxing.” In *Chinese Handicraft Regulations of the Qing Dynasty: Theory and Application*, edited by Christine Moll-Murata, Song Jianze, and Hans Ulrich Vogel, 35–60. München: Iudicum, 2005.
- “Song Yingxing (1587–1666?) – A Technical Author?” *Tsing-hua ta-hsüeh lun-wen fa-piao* 4 (2002): 1–31.
- “Die Legitimation der Beamten in der Song-Dynastie.” In *Beamtentum und Wirtschaftspolitik in der Song-Dynastie*, edited by Dieter Kuhn, 78–172. Heidelberg: edition forum, 1995.

### **Book Reviews**

- China's Transition to Modernity: The New Classical Vision of Dai Zhen*, by Minghui Hu. *Harvard Journal of Asiatic Studies* 78, no. 1 (June 2018): 224–30.
- Looking at it from Asia: The Processes that Shaped the Sources of History of Science*, by Florence Bretelle-Establet (ed.). *EASTM* 35 (2012): 178–84.
- Science between Europe and Asia: Historical Studies on the Transmission, Adoption and Adaptation of Knowledge*, by Feza Günergun, and Dhruv Raina (eds.). *ISIS* 103, no. 3 (2012): 624–25.
- Science and Civilisation in China*, vol. 7: *The Social Background, Part 2, General Conclusions and Reflections*, by Joseph Needham, edited by Kenneth Girdwood Robinson. *EASTM* 33 (2011): 121–27.
- “Historical Perspectives on Chinese Metallurgy,” review of *Science and Civilisation in China*, vol. 5: *Chemistry and Chemical Technology, Part 11: Ferrous Metallurgy* by Joseph Needham, edited by Donald B. *Metascience* 19, no. 3 (November 2010): 479–82.
- On Their Own Terms: Science in China, 1550–1900*, by Benjamin A. Elman. *Harvard Journal of Asiatic Studies* 67, no. 2 (2007): 468–75.
- Erschließung der himmlischen Schätze [Tiangong Kaiwu / The Exploitation of the Works of Nature]*, by Song Yingxing (1587–1666), translated from Classical Chinese by Konrad Herrmann. *Hefte für Ostasiatische Literatur* 38 (2005): 125–27.

### **CONFERENCE PANELS AND WORKSHOPS**

- |  |                  |
|--|------------------|
| Organizer: Panel: “Empires, Exchange and Civilizational Connectivity in Eurasia” <i>Fifth European Congress on World and Global History: Ruptures, Empires, Revolutions</i> , Budapest.        | 09/02/2017       |
| Chair: Keynote: “Warum Materielle Kultur erforschen?” at <i>Materielle Kultur: erschließen, bewahren, erforschen</i> , Bundesministerium für Bildung und Forschung in Berlin.                  | 05/29/2017       |
| Chair of Round Table: “Science and Technology in Global History: The Development of an Interdisciplinary Research Agenda,” University of Warwick.  | 02/21/2017       |
| Discussant: “Cross-currents and Intersections: EAHSTM’s Place and Role in the Scholarly Field Today,” <i>International Conference on the History of Science in East Asia (ICHSEA)</i> , Paris. | 07/09/2015       |
| Chair and Co-Organizer (with Sonja Brentjes): Panel: “Visualizations of the Heavens,” <i>ICHSEA</i> , Paris.   | 07/06/2015       |
| Chair of Roundtable: <i>The Making of Useful Knowledge</i> , Berlin Center for the History of Knowledge.   | 10/30/2014       |
| Commentator: Panel: “States and Manufactures in a Global and Comparative Perspective, 1400–1800,” <i>ENUIGH Conference</i> , Paris.  | 09/05/2014       |
|  | 01/24–01/26/2013 |

Organizer: <i>Animals in Asia</i> (funded by BICC, AHRC 10.000 £), international conference at the University of Manchester.	
Co-Organizer (together with the Gesellschaft für Technikgeschichte e.V. [German Society for the History of Technology]): “Globalisierung, Kulturvergleich und Kulturkontakt als Herausforderung für die Technikgeschichte [Globalization, Culture Comparison and Culture Contact as a Challenge to the History of Technology],” MPIWG, (10,000 €).	06/03–06/05/2011
Co-Organizer (with G. Y. Shen): “Ritual as Technology,” MPIWG.	05/12–05/14/2011
Chair and Discussant at the Panel “Knowing Places: Cultural Geographies of Song China” at the Annual Meeting of the Association for Asian Studies (AAS), Honolulu.	04/2011
Co-Organizer (with F. Bray): “Commodities and Anti-Commodities: Rice in Early Modern Thought,” MPIWG.	03/24–03/26/2011
Co-Organizer (with L. Molà): “Historical Systems of Innovation: The Culture of Silk in the Early Modern World (14–18th Century). A Cross-Cultural Workshop,” MPIWG.	12/17–12/18/2010
Organizer: “Scholars, Craftsmen and Technology: Defining Experts and Expertise in Chinese Culture,” Workshop, MPIWG.	10/04–10/09/2010
Co-Organizer (with Partner Group IHNS): “Borderlines and Intersections: Exploring Science and Society in Song China,” Workshop, Beijing, China.	04/12–04/15/2010
Organizer: “Technological Cultures: Themes and Methods in the History of Technology,” Colloquium Series, MPIWG.	01–11/2010
Co-Organizer (with M. Hofmann): “Status and Skills – The Portrayal of Individuals in Chinese Historiography, 10th–18th Century,” Workshop, MPIWG.	09/04–09/05/2009
Organizer and Chair: Session 168: “Appropriating Crafts, Owning Knowledge: Chinese Handicrafts and Proprietary Issues from Pre-modern to Present Day” at the Annual Meeting of the Association for Asian Studies (AAS), Chicago.	03/2009
Discussant: Panel: “Practical and Learned Culture in Premodern and Early Modern Europe” at the Annual Meeting of the Society for the History of Technology (SHOT), Lisbon.	10/2008
Co-Organizer (co-funded by the Palace Museum 20,000 RMB): “History of Exchange of Craft Techniques between the Imperial Court and the Folk,” Workshop, Research Department, Palace Museum, Beijing.	04/25–04/27/2008
Organizer: “Cultures of Knowledge: A Book-workshop,” MPIWG.	04/10–04/11/2008
Co-Organizer (with the Museum für Asiatische Kunst, Staatliche Museen zu Berlin): “Sources on Chinese Architecture in the 19th and Early 20th Century,” Workshop.	04/04/2008
Co-Organizer (with IHNS): “Borderlines and,” Workshop, Beijing, China.	09/16–09/30/2007
Organizer: “From Invention to Innovation: Cultural Traditions of Technical Development in China,” Conference, MPIWG.	07/09–07/13/2007
Co-Organizer (with IHNS): “History of Mechanics.” Workshop, Beijing.	09/03–09/09/2006

## **TEACHING EXPERIENCE**

Peking University (2019)

(1) Seminar Series: 物质文化史的方法和实践 [Methods and Practices of Material Cultural History] (December 12–December 20)

University of Michigan (2019)

(1) Graduate Workshop on LoGaRT, the Local Gazetteers Research Tools. Co-taught with Chen Shi-pei and Calvin Yeh (April 5)

Columbia University (2019)



- (1) Graduate Workshop: Knowing Through Animals: The Animal Turn in the History of Science. In collaboration with Alma Igra and Tamar Novick (February 2)  
Princeton University (2019)
- (1) Graduate Seminar: History of Science, Local Gazetteers and New Digital Methods. Co-taught with Chen Shi-pei and Calvin Yeh (March 30)  
Freie Universität Berlin (2018–2019)
- (1) Graduate Course: Tiere zwischen Kunst und Wissenschaften: Vormodernes China und Europa im Vergleich. Co-taught with Karin Gludovatz  
University of Hong Kong (2017–2018)
- (1) Cultures of Innovation in East Asia's History: with a Focus on Scientific, Medical, and Technological Change. Co-taught with Angela Ki Che Leung  
University of Warwick (2017)
- (1) PG Masterclass: Comparative History: Language and Matter in Global Studies of Technology and Innovation (February 21)  
Freie Universität Berlin (2017–2018)
- (1) China – eine etwas andere Entwicklungsgeschichte  
Shanghai Jiaotong University (2016)
- (1) Summer School: Historiography of Science of Science of East Asia in the West  
University of Chicago (2016)
- (1) Summer School: Textiles and Labour  
Technische Universität Berlin (2015–2016)
- (1) Staatsmanufakturen: Wissenschaft und nützliche Künste in Eurasiens Weg in die Moderne  
University of Manchester (2011–2015)
- (1) Classical Chinese, Introduction to Grammar and Literary Genres, (2) Introduction to Chinese Studies EALC 10050. Co-taught with James St Andre and William Schroeder, (3) Energy and environment: China and Asia 900–1800  
University of Zurich (2011)
- (1) Research Seminar: Concepts and Models of Technological and Scientific Knowledge Transfer. Co-taught with Prof. Dr. Mareile Flitsch  
Technische Universität Berlin (2006–2011)
- (1) Seminar: Urbanisierung – Verortung von Wissen im historischen China (10.–16. Jh.), (2) Reading-Seminar: Landwirtschaft und Wissenschaft: Das Zwanzigste Jhd., (3) Seminar: Einführung in die Technikgeschichte Chinas seit der Ming-Zeit: Denken, Handeln, Schreiben, parts 1 and 2, (4) Seminar-Lecture: Consuming Culture: Asia's Modernism, (5) Seminar: Naturwissenschaft und Technik in China vom 14.–17. Jahrhundert: Konzepte, Ideen, Realitäten  
Humboldt Universität zu Berlin (2007)
- (1) Seminar: Naturwissenschaft und Technik in China vom 14.–17. Jahrhundert: Konzepte, Ideen, Realitäten  
University of Würzburg (1994–2008)
- (1) Seminar: Foreign kings, remote emperors: Legitimation in Imperial rulership, (2) Seminar: Tourism: Traditions within New Cultures of Interaction, (3) Seminar: Trade and Guilds, (4) Seminar: State monopolies in dynastic China, (5) Seminar: Nationalism in Asia – 20th century, (6) Reading Seminar: War in China: Technologies and Strategies, (7) Reading Seminar: Carts, boats, horses: Transportation and Infrastructure in Medieval China, (8) Seminar: The West is strong: Intellectual Climate in China 1875–1922, (9) Lecture-Seminar: Einführung in die Wissenschaftsgeschichte: Mit einem Fokus auf Asiens Technologie, (10) Reading Seminar: Chinesische Enzyklopädien, (11) Reading Seminar: Klassisches Chinesisch: Chengyu, (12) Seminar: Beamten in der Song-Dynastie: Literati-Kultur

## **LANGUAGES**

Fluent in speaking, reading and writing in Modern Chinese, English, German;  
Reading and writing ability in Classical Chinese, French, Dutch, Japanese, Latin, Classical Mongolian