

CURRICULUM VITAE

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Born 14 August 1961

EDUCATION

- 1978 Baccalauréat C, Paris.
- 1980-1985 École Normale Supérieure de Jeunes Filles, Mathematics Department.
- 1982 Agrégation in mathematics.
- 1984 DEA (post-graduate program) in pure mathematics (algebraic number theory), University of Paris VII.
- 1985 Thèse de 3ème cycle (PhD) in the History of Mathematics, University of Paris XIII.
- 1986 Maîtrise de langue et civilisation chinoises (Master in Chinese studies), University of Paris 7.
- 2009 Habilitation à diriger des recherches (HDR) in history of science, University of Paris VII.

LANGUAGE ABILITY

French: native language.
Chinese: spoken, read, written.
English: spoken, read, written.
Italian: read.
Japanese: spoken, read, written.
Spanish: spoken, read.

CAREER

- 1985-1986 Ancienne Normalienne Doctorant (Assistant Professor), teaching at the Institut National des Langues et Civilisations Orientales (Chinese Department).
- 1986-1998 Member of the CNRS Groupement de Recherche 798, "Histoire des techniques et des sciences en Chine, en Corée, au Japon" (History of Science and Technology in China, Korea, and Japan), Director: Prof. Pierre-Étienne Will.

- 1986-1987 Fellow of the Fondation Singer-Polignac, Visiting scholar at the Needham Research Institute, Cambridge, UK.
- 1987-1991 Fellow of the Fondation Thiers.
- 1990-1991 Japan Society for the Promotion of Science fellow, at Kansai University, Osaka, and the Research Institute for Humanistic Studies, Kyoto, Japan.
- 1991-2010 Chargée de recherche, Centre National de la Recherche Scientifique. Member of UMR 7596 (REHSEIS, Epistemological and Historical Research on Exact Sciences and Scientific Institutions), then, from 2009 to 2014, of UMR 7219 (SPHERE - Science, Philosophie, Histoire, CNRS & University of Paris-Diderot).
- 1993 (May to July) Invited researcher, Kansai University, Osaka, Japan.
- 2000- Visiting Professor, Research Center on the History of Cultural Communication, University of Zhejiang, Hangzhou (PRC).
- 2000 (September-December) awarded Residence at “Villa Kujoyama (Kyoto; Japan) / AFAA – Ministère des affaires étrangères”
- 2002 (January-April) Member of the School of Historical Studies, Institute for Advanced Study, Princeton, USA.
- 2004-06 French Government Fellow, Churchill College, Cambridge, UK.
- 2004-2010 Visiting Scholar at the Needham Research Institute, Cambridge, UK.
- 2006- Affiliated Research Scholar, Department of History and Philosophy of Science, University of Cambridge, UK.
- 2008-2010 Affiliated Fellow, International Institute of Asian Studies, Leiden, Netherlands
- 2010- Directrice de recherche, Centre National de la Recherche Scientifique. Member of UMR 7219 (SPHERE - Science, Philosophie, Histoire, CNRS & University of Paris-Diderot).
- 2010 (April-June), Invited Researcher, HPDST Programme, NHRF & University of Athens.
- 2014- Member of UMR8173-CCJ, Centre d’Etudes sur la Chine Moderne et Contemporaine, EHESS, Paris.

TEACHING

- 1983-1985 Course on the history of Chinese mathematics, University of Paris VIII, Department of Mathematics.
- 1985-1986 Course on the history of Chinese science, INALCO, Chinese Department.
- 1991-1992 Lectures on the history of Chinese science, DEA d’épistémologie et d’histoire des sciences (Post-graduate course in the history and philosophy of science), University of Paris VII.
- 1994-1996 Course on “Methodological aspects of the history of Chinese science”, (Post-graduate course in the history and philosophy of science), University of Paris 7.
- 1997-1998 Course on “The History of Contacts Between Europe and China”, University of Paris VIII.
- 1998-2000 Course on “The Chinese Reception of Western Science”, (Post-graduate course in the history and philosophy of science), University of Paris 7.
- 2004-2006 Supervision for a course on the history of Sino-Western scientific contacts in the early modern period; Department of History and Philosophy of Science, University of Cambridge.

- 2010-2014 Lectures in the Master Course LOPHISS, Université Paris Diderot, “History of science in Asia”
- 2014- Seminar “Histoire des sciences, des techniques et de la médecine en Asie orientale”, EHESS, Paris.

PHD SUPERVISION

- Beatriz Puente Ballesteros, 2004-2009, PhD in the history of medicine, Complutense University, Madrid (joint supervisor with Luis Montiel). Dissertation title: “Dialogue and encounter: The French Jesuit Mission as medical interlocutor during the Kangxi reign (1622-1722)”.
- Jiri Hudecek, 2008-2012, PhD in the History and Philosophy of Science, University of Cambridge (joint supervisor with Eleanor Robson). Title: “Academician Wu Wenjun and his Inspiration in Ancient Chinese Mathematics”
- Wu Huiyi, 2009-2013, PhD in History, University of Paris-Diderot & SUM-Italia (joint supervisor with Marie-Noëlle Bourguet & Jacques Revel). Title: “Translating China in the 18th century : the construction of French knowledge of China seen through the translation work of French Jesuits published in Du Halde’s *Description* (1735)”

CONFERENCE ORGANISATION

- 1990 Co-organiser of the International Colloquium "Sciences & Empires", Paris, UNESCO, 2-6 April.
- 1993 Co-organiser (Vice-chair, Organising Committee), 7th International Conference on the History of Science in East Asia, Kyoto, Japan, 2-7 August.
- 1995 Organiser of the International Conference “Xu Guangqi (1562-1633), scholar and statesman”. Paris, Fondation Hugot du Collège de France, 20-23 March.
- 1998 Co-organiser of “Journées d’Études Chinoises de l’AFEC”, Aix en Provence, 27-28 March.
- Co-organiser of the International Conference “Europe and China III. Between Ming and Qing: The Jesuits, Dynastic Decline, Internal Strife, and the Establishment of a New Order in Seventeenth Century China”. Berlin, 22-26 April.
- 2004 Co-organiser of the International Conference “Science, histoire, philosophie, politique: autour de Cambridge dans les années 1930”. Paris, 3-5 June.
- 2005 Co-organiser of “Sciences in Asia: Representations and Historiography, 17th-20th centuries. A Workshop to mark the publication of Joseph Needham’s ‘Conclusions and reflection’ in *Science and Civilisation in China*, vol. VII part 2”, European Science Foundation Exploratory Workshop. Cambridge (UK) 13-15 January.

- 2008 Co-organiser, International Conference “History of the mathematical sciences: Portugal and East Asia IV”, Beijing, IHNS, 6-8 November 2008.
Co-organiser, International Workshop “Actors’ and observers’ categories in East and West: changing typologies of science in practice and scholarship”, Needham Research Institute, Cambridge, 4-5 December 2008.
- 2009 Co-organiser, International Workshop “Genealogies of science in Asia: cross-cultural appropriation”, Needham Research Institute, Cambridge, 3-4 December 2009.
- 2011 Organiser, International Workshop. ‘How to make the peripheral “mainstream”: recent developments in the historiography of science’. Paris, Université Paris Diderot, 12-14 December 2011.
- 2012 Organiser, International Conference ‘Individual itineraries and the circulation of scientific and technical knowledge in East Asia (16th-20th centuries)’. Paris, Université Paris Diderot, 26-28 November 2012 (Grant ANR-09-SSOC-004).
- 2014 Co-organiser, International Conference “History of the mathematical sciences: Portugal and East Asia V”, Hsin-chu, National Tsing-Hua University, 7-9 November 2014.
- 2015 Co-organiser, “14th International Conference on the History of Science in East Asia”, Paris, EHESS, 6-10 July 2015.

INTERNATIONAL RESPONSIBILITIES AND MEMBERSHIPS

- 1993-1996 Treasurer, International Society for the History of East Asian Science, Technology, and Medicine.
- 1994-1998 Member of the Board, Association Française d’Études Chinoises (A.F.E.C., French Association of Chinese Studies).
- 1995- Member of the Editorial Committee, *East Asian Science, Technology, and Medicine* (formerly *Chinese Science*).
- 1996-1998 President, Association Française d’Études Chinoises.
- 1996-1999 President, International Society for the History of East Asian Science, Technology, and Medicine.
- 1998- Member of the Editorial Committee, *Shijie Hanxue* (World Sinology).
- 1999- Member of the Editorial Committee, *Ziran kexueshi yanjiu* (Studies in the History of Science).
- 2005-2012 Corresponding member, International Academy of the History of Science
- 2005-2009 Assessor, Council of the Division of History of Science and Technology, International Union of Philosophy and History of Science (ICSU)
- 2009-2013 Treasurer of the Division of History of Science and Technology, International Union of Philosophy and History of Science (ICSU)
- 2013- Full Member, International Academy of the History of Science
- 2013-2017 Secretary General of the Division of History of Science and Technology, International Union of Philosophy and History of Science and Technology (ICSU)

RESEARCH MANAGEMENT AND PROJECT LEADERSHIP

- 1998-2001 Coordinator, CNRS-funded project “Between text and reality: science in 17th & 18th century East Asia”
- 2002- Coordination, “Science in Asia” team of REHSEIS, then of SPHERE.
- 2009-2012 Coordinator, ANR funded project “Individual itineraries and the circulation of scientific and technical knowledge in late imperial China (16th-20th centuries)” (ANR-09-SSOC-004)

PUBLICATIONS

BOOKS

- 1990 *Les Méthodes Rapides pour la Trigonométrie et le Rapport Précis du Cercle (1774). Tradition chinoise et apport occidental en mathématiques.* Paris, Collège de France (Mémoires de l'Institut des Hautes Études Chinoises vol. XXXII), 230 p. Preface by Jacques Gernet.
- 2012 *The Emperor's new mathematics: Western learning and imperial authority in China during the Kangxi reign (1662-1722).* Oxford: Oxford University Press, xvi + 435 pp.
<http://dx.doi.org/10.1093/acprof:oso/9780199601400.001.0001>

EDITED VOLUMES

- 1992 Patrick Petitjean, Catherine Jami and Anne-Marie Moulin (eds.), *Science and Empires. Historical Studies about Scientific Development and European Expansion.* Dordrecht, Kluwer Academic Publishers (Boston Studies in the Philosophy of Science vol. 136), xiii + 411 pp.
- 1993 Catherine Jami and Hubert Delahaye (eds.), *L'Europe en Chine. Interactions scientifiques, religieuses et culturelles aux XVIIe et XVIIIe siècles. Actes du colloque de la Fondation Hugot, 14-17 octobre 1991.* Paris, Collège de France (Mémoires de l'Institut des Hautes Études Chinoises vol. XXXIV), xii + 256 pp.
- 1995 Keizô Hashimoto, Catherine Jami and Lowell Skar (eds.), *East Asian Science: Tradition and Beyond. Papers from the 7th International Conference on the History of Science in East Asia, Kyoto, 2-7 August 1993.* Osaka, Kansai University Press, 1995, xii + 568 pp.
- 2001 Catherine Jami, Peter Engelfriet and Gregory Blue (eds.), *Statecraft and Intellectual Renewal in Late Ming China: The Cross-Cultural Synthesis of Xu Guangqi (1562-1633).* Leiden, Brill, xx + 466 pp.
 Alain Arrault and Catherine Jami (eds.), *East Asian Science. The Legacy of Joseph Needham.* (Proceedings of the XXth ICHS (Liège, July 1997), vol. IX). Turnhout: Brepols, 153 pp.
- 2008 Luis Saraiva and Catherine Jami, *The Jesuits, the Padroado and East Asian Science (1552-1773).* History of the mathematical sciences: Portugal and East Asia III. Singapore, World Scientific, xiv+229 pp.
- 2009 Patrick Petitjean, Stéphane Schmitt and Catherine Jami (eds), *Science, histoire et politique: L'exemple de Cambridge.* Paris, Vuibert.
- 2016 *Human Mobility and the Spatial Dynamics of Knowledge: Situating Science, Technology and Medicine in Late Imperial China.* Paris, Collège de France (forthcoming).

SPECIAL ISSUES OF JOURNALS

- 2003 *Early Science and Medicine* 8; Guest editor for a special issue on "Science and State Patronage in Early Modern East Asia"

- 2007 *East Asian Science, Technology and Medicine* 27; Guest editor for a special issue on “Western learning in late Ming and early Qing China”
- 2014 *Extrême-Orient, Extrême-Occident*; Guest editor for an issue on “Mobilité humaine et circulation des savoirs techniques (XVII^e-XIX^e siècles)” no. 36, 226 pp.

ARTICLES IN JOURNALS

- 1988 (1) “Une histoire chinoise du ‘nombre π ’”, *Archive for History of Exact Sciences* 38: 39-50.
 (2) “Western influence and Chinese tradition in an eighteenth century mathematical work”, *Historia Mathematica* 15: 311-331.
 (3) “Sur l’organisation du champ des mathématiques chinoises”, *Extrême-Orient Extrême-Occident* 10: 45-59.
- 1989 “Classification en mathématiques : la structure de l’encyclopédie *Yu zhi shu li jing yun*”, *Revue d’Histoire des Sciences* XLII-4 : 391-406.
- 1991 “Scholars and mathematical knowledge in the late Ming and early Qing”, *Historia Scientiarum* 42: 99-109.
- 1993 (1) “L’évolution des sciences, 1600-1850: Renouveau de la tradition scientifique chinoise et influence européenne”, *Historiens & Géographes* 340: 71-79.
 (2) “French Science Overseas” *Bulletin of the Faculty of Sociology, Kansai University* 25-2: 133-148.
- 1994 (1) “History of Mathematics in Mei Wending’s (1633-1721) Work”, *Historia Scientiarum*. 2nd Series 4-2/53: 157-172.
 (2) “A propos de la transmission de la géométrie euclidienne en Chine aux XVII^e et XVIII^e siècles”, *MATAPLI* 40 (October 1994): 21-26.
- 1996 (1) “Shiba shiji Zhongguo he Faguo de kexue lingyu de jiechu” (Scientific contacts between China and France in the 18th century), *Qingshi yanjiu*. 1996-2: 56-60; reprinted in *Ming-Qing jian yesuhuishi ruhua yu zhongxi huitong*. Beijing: Dongfang Chubanshe, 2011, 460-465.
 (2) “In Memoriam. Joseph Needham (December 9, 1900-March 24, 1995)”, *Historia Mathematica* 24: 1-5.
- 1997 With Keizo Hashimoto, “Kepler’s Laws in China: A Missing Link? Jean-François Foucquet’s *Lifa wenda*” *Historia Scientiarum* 6-3: 171-185.
- 1999 “‘European Science in China’ or ‘Western Learning’? Representations of Cross-Cultural Transmission, 1600-1800”, *Science in Context* 12, 3: 413-434.
- 2001 (1) "In Memory of Prof. Kiyosi Yabuuti. Presentation", *East Asian Science, Technology, and Medicine* 18: 10-12.
 (2) "Shi 'zai Zhongguo de Ouzhou kexue' haishi 'xixue'? 17 shiji zhi 18 shiji mo kua wenhua de jiaoliu zhi biaoshu", *Faguo Hanxue (Sinologie française)* 6: 420-447 (translation of (1999) in *Science in Context*, translated by Tian Miao).
- 2002 (1) “Imperial Control and Western Learning: The Kangxi Emperor’s (1662-1722) Performance”, *Late Imperial China* 23, 1: 28-49.
 (2) “Teachers of Mathematics in China: the Jesuits and their Textbooks (1580-1723),” *Archives internationales d’histoire des sciences* 52: 159-175.

- 2003 (1) “Introduction. Science in Early Modern East Asia: State patronage, circulation, and the production of books,” *Early Science and Medicine* 8, 2: 81-87 (guest editor for the special issue on “Science and State Patronage in Early Modern East Asia”).
 (2) with Han Qi: “The Reconstruction of Imperial Mathematics in China During the Kangxi Reign (1662-1722),” *Early Science and Medicine* 8, 2: 89-110.
 (3) with Han Qi: “Kangxi shidai xifang shuxue zai gongting de chuanbo – yi An Duo he ‘Suanfa zuanyao zonggang’ weili” (The spread of Western mathematics at the Kangxi court – the example of Antoine Thomas’ *Suanfa zuanyao zonggang*), *Ziran kexueshi yanjiu* 22, 2: 145-156.
 (4) “Qingdai chuqi yu zhongqi de shuxue jiaoyu” (Learning mathematics in early and mid-Qing China), *Faguo hanxue* 8: 393-433 (translated by Tian Miao).
- 2004 “Légitimité dynastique et reconstruction des sciences. Mei Wending (1633-1721),” *Annales HSS* 59, 4: 701-727.
- 2005 “Representations and uses of ‘European science’ in China (1582-1722),” *Zeitschrift für Historische Forschung* 34: 197-213.
- 2006 “L’empereur Kangxi et les sciences: réflexion sur l’histoire comparée,” *Etudes chinoises* 25: 13-42.
- 2007 (1) “Western learning and imperial scholarship: The Kangxi Emperor’s study,” *East Asian Science, Technology and Medicine* 27: 144-170.
 (2) “Introduction from the Guest Editor,” *East Asian Science, Technology and Medicine* 27: 9-12.
- 2008 “Pékin au début de la dynastie Qing: capitale des savoirs impériaux et relais de l’Académie royale des sciences,” *Revue d’histoire moderne et contemporaine* 55, 2: 43-69.
- 2010 “Experts en sciences mathématiques et projets impériaux sous le règne de Kangxi,” *Revue de synthèse* 131, 2: 219-239.
- 2012 (1) “Kangxi, les mathématiques et l’empire” (including a French translation of good reads from *The Emperor’s new mathematics* by Françoise Balibar), *Critique* 779: 329-342.
 (2) “Kangxi tongzhi xia de shuxue zhuanjia he guojia xiangmu 康熙統治下的數學專家和國家項目,” *Shijie hanxue* 世界漢學 9: 1-12.
- 2014 (1) “Introduction” to the issue “Mobilité humaine et circulation des savoirs techniques (XVII^e-XIX^e siècles).” *Extrême-Orient Extrême-Occident* n° 36, 5-17.
 (2) “La carrière de Mei Wending (1633-1721) et le statut des sciences mathématiques dans le savoir lettré.” *Extrême-Orient Extrême-Occident* n° 36, 19-47.
 (3) “Mei Wending de shengping yu shuxue zai shiren zhi xue zhong de diwei 梅文鼎生平及数学在士人之学中的地位,” *Shijie hanxue* 世界漢學 14: 60-73.
- 2015 “Revisiting the Calendar Case (1664-1669): science, religion and politics in early Qing Beijing.” *Korean Journal of History of Science* 37-2: 459-477.

BOOK CHAPTERS

- 1990 “Ouzhou shuxue zai Kangxi di nianjian de zhuanbo qingkuang - Fu Shengze jieshao fuhao daishu changshi de shibai” (The conditions of transmission of European mathematics to China in the Kangxi reign: Jean-François Foucquet's unsuccessful attempt to introduce symbolic algebra”), in Li Di ed., *Shuxueshi yanjiu wenji* (Collected Papers on the History of Mathematics) vol. 1, Huhhot, Taipei: 117-122.
- 1991 “The *Yuzhi shuli jingyun* (1723) and mathematics during the Kangxi reign (1662-1722)”, in Yang Cuihua & Huang Yilong eds., *Jindai Zhongguo kejishi lunwenji* (Science and Technology in Modern China). Taipei, Institute of Modern History, Academia Sinica & Institute of History, National Tsing-hua University: 155-172.
- 1992 (1) “Western mathematics in China, seventeenth century and nineteenth century”, in P. Petitjean, C. Jami & A.-M. Moulin eds., *Science and Empires*. Dordrecht, Kluwer Acad. Publ. : 79-88.
 (2) “Rencontre entre arithmétiques chinoise et occidentale au XVIIe siècle”, in P. Benoît, K. Chemla & J. Ritter eds., *Histoire de Fractions, Fractions d'histoire*. Bâle, Birkhäuser : 351-373.
- 1993 “L'histoire des mathématiques vue par les lettrés chinois (XVII^e et XVIII^e siècles): tradition chinoise et contribution européenne”, in C. Jami & H. Delahaye eds., *L'Europe en Chine. Interactions scientifiques, religieuses et culturelles aux XVII^e et XVIII^e siècles. Actes du colloque de la Fondation Hugot, 14-17 octobre 1991*. Paris, Collège de France, Mémoires de l'Institut des Hautes Études Chinoises XXXIV: 147-167.
- 1994 (1) “Learning Mathematical Sciences during the Early and Mid-Ch'ing”, in B. Elman & A. Woodside eds., *Education and Society in Late Imperial China 1600-1900*. Berkeley, University of California Press: 223-256.
 (2) “L'empereur Kangxi (1662-1722) et la diffusion des sciences occidentales en Chine”, in I. Ang & P.E. Will eds., *Nombres, astres, plantes et viscères. Sept essais sur l'histoire des sciences en Asie orientale*. Paris, Collège de France, Mémoires de l'Institut des Hautes Études Chinoises vol. XXXV: 193-209.
 (3) “The French mission and Verbiest's scientific legacy”, in John Witek S.J. ed., *Ferdinand Verbiest Jesuit Missionary, Scientist, Engineer and Diplomat*. Nettetal, Steyler Verlag: 531-542.
- 1995 (1) “From Louis XIV's court to Kangxi's court: An institutional analysis of the French Jesuit mission to China (1662-1722)”, in Hashimoto K. *et al.* eds., *East Asian Science: Tradition and Beyond*. Osaka, Kansai University Press, 1995: 493-499.
 (2) With Hashimoto Keizô and Lowell Skar, “Foreword”, in *Ibid.*: iii-viii.
 (3) “Comparisons and Exchanges between East Asian and Western Science. Introduction”, in *Ibid.*: 63-64.
 (4) “Western devices for time and space measurement: Clocks and Euclidian geometry in late Ming and Ch'ing China”, in Huang Chün-chieh & Erik Zürcher eds., *Time and Space in Chinese Culture*. Leiden, Brill, 1995: 169-200.

- 1996 “From Clavius to Pardies: The geometry transmitted to China by Jesuits (1607-1723)”, in F. Masini ed., *Western Humanistic Culture Presented to China by Jesuit Missionaries (XVII-XVIII centuries)*. Rome, Institutum Historicum S. I., 1996: 175-199.
- 1997 (1) “Giulio Aleni’s contribution to geometry in China: the *Jihe yaofa*”, in Tiziana Lippiello & Roman Malek eds., “*Scholar from the West*”. *Giulio Aleni S.J. and the Dialogue between Christianity and China*. Nettetal, Steyler Verlag: 553-572.
 (2) “Shiqi shiba shiji Zhongguo wenren yanzhong de shuxue shi - Zhongguo de chuantong he Ouzhou de gongxian” (17th and 18th centuries Chinese scholars view of history of mathematics - Chinese tradition and Western contribution), in Liu Dun & Han Qi eds., *Keshi xinzhuan*. Shenyang, Liaoning jiaoyu chubanshe : 46-60.
- 1998 (1) “Mathematical knowledge in the *Chongzhen lishu*”, in Roman Malek ed., *Western Learning and Christianity in China. The Contribution and Impact of Johann Adam Schall von Bell S.J. (1592-1666)*. Nettetal, Steyler Verlag: 661-674.
 (2) “Aleni’s Contribution to Geometry in China: A Study of the *Jihe yaofa* (1631)”, in Tanaka Tan ed., *Chûgoku gijutsu shi no kenkyû*. (Studies on the history of technology in China). Kyoto, Kyoto University Research Institute for Humanities: 775-796.
 (3) “L’empire maritime portugais, la diplomatie française et la transmission des sciences mathématiques européennes en Asie orientale aux XVII^e et XVIII^e siècles”, in Dominique Tournès ed., *L’Océan Indien au carrefour des mathématiques arabes, chinoises, européennes et indiennes*. Saint-Denis, I.U.F.M. de la Réunion: 107-116.
 (4) “Traductions et synthèses: les mathématiques occidentales en Chine, 1607-1782”, in Dominique Tournès ed., *L’Océan Indien au carrefour des mathématiques arabes, chinoises, européennes et indiennes*. Saint-Denis, I.U.F.M. de la Réunion: 117-126.
 (5) “Faguo dui lai Hua de Yesu hui shi de yanjiu” (French Research on the Jesuits in China), in J.-P. Drège ed., *Faguo dangdai Zhongguo xue* (Chinese Studies in Contemporary France). Beijing, Zhongguo shehui kexue chubanshe: 256-268.
 (6) “Abacus (Eastern)”, in Robert Bud & Deborah Jean Warner eds., *Instruments of science: a historical encyclopedia*. London: Science Museum ; [Washington, D.C.] : National Museum of American History, Smithsonian Institution : 3-5.
- 1999 (1) “Joseph Needham and the Historiography of Chinese Mathematics”, in S. Irfan Habib & D. Raina eds., *Situating the History of Science. Dialogues with Joseph Needham*. Oxford & New Delhi, Oxford University Press: 260-279.
 (2) with Keizo Hashimoto “New Evidence of the Transmission of European Astronomy to China: Jean-François Foucquet’s *Lifa wenda*”, in Yung Sik Kim & Francesca Bray eds., *Current Perspectives in the History of Science in East Asia*. Seoul, Seoul National University Press: 487-496.
- 2000 (1) “Image and Patronage: The Role of Portugal in the Transmission of Scientific Knowledge from Europe to China”, in Luis Saraiva ed., *History of Mathematical Sciences: Portugal and East Asia*. Lisbon, Fundação Oriente: 341-361.

- 2001 (1) "Science and Technology: General Reception", "Mathematics", "Clocks", "Cultural Transmission to Europe: Academies", in Nicolas Standaert ed., *Handbook of Christianity in China. Volume One: 635-1800*. Brill, Leiden (Handbooks of Oriental Studies): 689-710; 738-751; 840-850; 892-893.
 (2) with P. Engelfriet et G. Blue, "Introduction", in C. Jami et al. *Statecraft and Intellectual Renewal in Late Ming China: The Cross-Cultural Synthesis of Xu Guangqi (1562-1633)*: 1-15.
 (3) with K. Hashimoto, "From the *Elements* to Calendar Reform: Xu Guangqi's shaping of mathematics and astronomy", in C. Jami et al. eds. *Statecraft and Intellectual Renewal in Late Ming China: The Cross-Cultural Synthesis of Xu Guangqi (1562-1633)*: 263-278.
 (4) "Faguo chuanjiaoshi tuan he Nan Huairen de kexue chuantong" (The French mission and Verbiest's scientific legacy). In Wei Ruowang (John Witek) ed., *Chuanjiaoshi, kexuejia, gongchengshi, waijiaojiao Nan Huairen*. Pékin, Shehui kexue wenxian chubanshe: 616-631. (translation of 1994 (3)).
 (5) "Introduction", in A. Arrault and C. Jami eds., *East Asian Science. The Legacy of Joseph Needham*. (Proceedings of the XXth ICHS (Liège, July 1997), vol. IX). Turnhout: Brepols: 7-10.
- 2002 (1) "Teachers of Mathematics in China: the Jesuits and their Textbooks (1580-1723)", in L. Saraiva ed. *History of Mathematical Sciences. Portugal and East Asia II*. Lisbon: EMAF-UF: 79-98.
 (2) "Foreword", in A.K.L. Chan et al. eds., *Historical Perspectives on East Asian Science, Technology, and Medicine*. Singapore, Singapore University Press/World Scientific: xiii-xv.
- 2005 (1) "For whose greater glory? Jesuit strategies and the sciences during the Kangxi reign (1662-1722)", in Wu, Xiaoxin ed., *Dialogues and Encounters: Changing Perspectives on the Chinese-Western Exchanges from the Sixteenth to Eighteenth Centuries*. Sankt Augustin, Steyler Verlag: 211-226.
 (2) with Han Qi, "Imperial mathematics and Western learning during the Kangxi reign (1662-1722): some new evidence", in Jiang, Xiaoyuan ed., *History of science in the multiculture: Proceedings of the 10th international Conference on the History of Science in East Asia*. Shanghai, Shanghai jiaotong University Press: 3-11.
 (3) "Minggantu", entry in *Encyclopedia Britannica* (online edition: <http://www.britannica.com/eb/article-9384150>).
- 2007 "A discreet mathematician: Antoine Thomas (1644-1709) and his textbooks", in Noël Golvers & Sara Lievens eds., *A lifelong dedication to the China mission. Essays presented in honor of Father Jeroom Heyndrickx, CICM, on the Occasion of his 75th birthday and the 25th anniversary of the F. Verbiest Institute K.U. Leuven*. Louvain, Ferdinand Verbiest, 447-468.
- 2008 (1) "Tomé Pereira (1645-1708), clockmaker, musician and interpreter at the Kangxi court: Portuguese interests and the transmission of science", in L. Saraiva and C. Jami eds., *The Jesuits, the Padroado and East Asian Science (1552-1773)*. History of the mathematical sciences: Portugal and East Asia III. Singapore, World Scientific, 187-204.
 (2) "Do all paths lead to modernity? The Kangxi Emperor (1662-1722) and the sciences", in Olga Lomova ed., *Paths towards modernity: Conference to mark the centenary of Jaroslav Průšek*. Prague: The Karolinum Press, 151-170.

- (3) “Heavenly learning, statecraft and scholarship: the Jesuits and their mathematics in China”, in Eleanor Robson and Jackie Stedall (dir.), *Oxford Handbook of History of Mathematics*. Oxford, Oxford University Press, 57-84.
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