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Publications

This list does not include contributions to exhibition catalogues published anonymously, reports on visits to museums and collections, and book reviews

Books

The Leiden Cabinet of Physics (Leiden, Museum Boerhaave Communication 233, 1989). 56pp.

At the Sign of the Oriental Lamp. The Musschenbroek workshop in Leiden, 1660–1750 (Rotterdam: Erasmus Publishing, 1997) 328 pages. ISBN 90-5235-103-1. [This was my PhD dissertation. Discusses a major instrument making workshop in early modern Europe, especially famous for its philosophical apparatus such as air-pumps]

The Leiden Cabinet of Physics. A Descriptive Catalogue (Leiden: Museum Boerhaave Communication 271, 1997). 198 pages. ISBN 90 6292 114 0 [295 instruments, dated between ca. 1660 and 1800, from the Physics Laboratory at Leiden University, including the original collection of the Newtonian professor W.J. 's Gravesande]

New Method of Division for Mathematical and Astronomical Instruments by M. Le Duc de Chaulnes 1768. Translated from the French by Peter de Clercq. Classical Science Press, 2009, ISBN 978-0-9825690-0-9. My translation is pages 1–42.

An Observer of Observatories. The Journal of Thomas Bugge's Tour of Germany, Holland and England in 1777. Edited by Kurt Møller Pedersen and Peter de Clercq Aarhus Universitetsforlag, 2010. ISBN 978 87 7934 311 5. 220 pages. It also appeared in a parallel Danish edition, *Thomas Bugges Dagbok 1777*.

Conference proceedings edited

Nineteenth-century scientific instruments and their makers. Papers presented at the Fourth Scientific Instrument Symposium, Amsterdam 23–26 October 1984 (Amsterdam: Rodopi / Leiden: Museum Boerhaave Communication 221, 1985) 275 pages. ISBN 90 6292 070 5 / 90 6203 917 0

With Anthony Turner guest edited proceedings of conference 'Origins and Evolution of Collecting Scientific Instruments', held at the Museum Boerhaave in 1994, published as *Journal of the History of Collections* 7, nr 2 (1995); 135 pages (pp.133–268)

Scientific Instruments: Originals and Imitations. The Mensing Connection. Proceedings of a symposium held at the Museum Boerhaave, Leiden, 15–16 October 1999 (Leiden: Museum Boerhaave Communication 286, 2000) ; 144 pages. ISBN 90 6292 129 9

Articles

'The scientific instrument-making industry in the Netherlands in the nineteenth century', in *Nineteenth-century scientific instruments and their makers* (see above), pp. 205–225

'Instrumenten en universitaire laboratoria, ca. 1860–1940', pp. 190–203 in: *Werkplaatsen van Wetenschap en Techniek: Industriële en academische Laboratoria in Nederland 1860–1940* (themanummer *Tijdschrift voor de Geschiedenis der Geneeskunde, Natuurwetenschappen, Wiskunde en Techniek*, 9, no. 4, 1986)

'In de schaduw van 's Gravesande. Het Leids Fysisch Kabinet in de tweede helft van de 18e eeuw', pp. 149–173 in *Het Instrument in de Wetenschap: Bijdragen tot de instrumentgerichte wetenschapsgeschiedenis* (themanummer *Tijdschrift voor de Geschiedenis der Geneeskunde, Natuurwet., Wiskunde en Techniek* 10, no. 4, 1987)

'Science at court: the eighteenth-century cabinet of scientific instruments and models of the Dutch stadholders', *Annals of Science* 45 (1988), 113–152

'Christiaan Huygens op Hofwijck: de laatste jaren van een befaamd geleerde', pp. 83–95 in *Leven en Leren op Hofwijck. Soeticheydt des Buyten-levens*, ed. Victor Freijser (Delft, 1988)

'The 's Gravesande collection in Museum Boerhaave, Leiden', *Nuncius* 1 (1988), 127–137

'Het kabinet van wetenschappelijke instrumenten en modellen van stadhouder Willem IV en V', *Oranje-Nassau Museum Jaarboek* 1991, 55–98

'Exporting scientific instruments around 1700: the Musschenbroek documents in Marburg', *Tractrix* 3 (1991), 79–120

'Brittle glass: a fragile chapter in the history of experimental physics', in RGW Anderson, JA Bennett, WF Ryan eds., *Making Instruments Count. Essays on Historical Scientific Instruments presented to Gerard L'Estrange Turner* (Aldershot: Variorum, 1993), 255–267 [Discusses Prince Rupert's Drops]

'Notes on Dutch collectors of antique microscopes', *Journal of the History of Collections* 7 (1995), 251–260

'A princely piece from Friesland; the "Trigonometrical Instrument" of Wytze Foppes', *Bulletin of the Scientific Instrument Society* 47 (1995), 14–16. [A complicated surveyor's compendium, constructed by a Dutch instrument maker in 1751 for the Dutch stadholder William IV; for a one-page description see my catalogue *The Leiden Cabinet of Physics*, nr. 291]

'J.H. Onderdewijngaart Canzius, Instrument Manufacturer and Museum Director', *Bulletin of the Scientific Instrument Society* 49 (June 1996), 22–24. [This Delft manufacturer was also the short-lived director of a museum of scientific apparatus established in Brussels in the 1820s, of which only sixteen items can now be traced.]

'Een herinnering aan de zijdeteelt in Nederland', *Gewina* 21 (1998), 95–99

'The instruments of science: the market and the makers', in Klaas van Berkel, Albert van Helden and Lodewijk Palm eds., *A History of Science in The Netherlands. Survey, Themes and Reference* (Leiden etc.: Brill, 1999), 311–331

'A pseudo-Tompion sundial', *Bulletin of the Scientific Instrument Society* 62 (September 1999), 5–6. [Signed 'Tompion Londini Anno Dom 1703', but made by Pearson Page, Birmingham in the 1930s, as shown by Denys Vaughan in *ibidem* 64 (March 2000), 33].

'A Remarkable Family Piece. A Hand-Held Telescope from the Musschenbroek Workshop', *Bulletin of the Scientific Instrument Society* 66 (September 2000), 15–17. [On a refracting telescope acquired from private ownership by the Museum Boerhaave, Leiden. Written together with Charles de Mooij. A Dutch version also appeared]

'Lewis Evans and the White City Exhibitions', *Sphaera* 11 (Spring 2000), p.3. [Discusses the contribution of instrument collector Lewis Evans (1853–1930) to science sections in two popular exhibitions held in London in 1910 and 1911].

'Instruments in the Cemetery. A Cast-iron Monument Erected for a Dutch Amateur of the Sciences', *Bulletin of the Scientific Instrument Society* 69 (June 2001), 3–4. [Instruments depicted on a monument for C.J.W. Nahuys van Burgst (1762–1831) at Breda].

'A Musschenbroek Trade Catalogue in the Library of Sir Hans Sloane' *Bulletin of the Scientific Instrument Society* 70 (September 2001), 10–14. [A printed catalogue dated 1720 in the British Library is the oldest known preserved catalogue of Musschenbroek workshop in Leiden]

'The papers of the instrument dealer, collector and researcher Thomas Henry Court (1868–1951)', pp. 723–731, in Anthony Turner, ed., *The archives of scholars, collectors and dealers: their place in the study of the history of scientific instruments. Papers from the XIXth Symposium of the Scientific Instrument Commission. Nuncius. Annali di Storia della Scienza XVI* (2001), 673–765.

'Scientific instruments from Holland for Czar Peter the Great and the Academy of Sciences in St. Petersburg', pp. 12–26 in *XVIII International Scientific Instrument Symposium. Moscow-St. Petersburg, Russia, 20–25 September 1999. Proceedings* (Moscow: Scientific publishing center *Engineer*, 2002)

'The Special Loan Collection of Scientific Apparatus, South Kensington, 1876. Part 1: The 'Historical Treasures' in the *Illustrated London News* ; Part 2: The Historical Instruments; Part 3: Contemporary Publications; Part 4: Photographs and Copies', *Bulletin of the Scientific Instrument Society* 72 (March 2002), 11–19; 73 (June 2002), 8–16; 74 (September 2002), 16–21; 76 (March 2003), 10–15. [Discusses this 1876 exhibition primarily as a landmark in the development of the appreciation of historical scientific instruments. The fourth instalment lists and discusses old photographs in the Science Museum and electrotype copies in various British museums].

'A Note on 18th-century Instruments from Schloss Fürstenstein in Silesia', *Bulletin of the Scientific Instrument Society* 76 (March 2003), 16–19. [The castle is in present-day Poland. The instruments in this collection have vanished in or after World War II].

'Scientific instruments displayed at the Royal Society conversazioni or soirées in the nineteenth century', in Marco Beretta, Paolo Galluzzi and Carlo Triarico (eds.), *Musa Musaei. Studies on Scientific Instruments and Collections in Honour of Mara Miniati* (Florence: Biblioteca di Nuncius Studi e Testi XLIX. 2003), 395–405

'A chronicle of lesser men'. E.G.R. Taylor and her *Mathematical Practitioners of England*', *Bulletin of the Scientific Instrument Society* 81 (June 2004), 31–33

This led to an invitation to deliver the Annual EGR Taylor lecture, delivered on 13 October 2005, which was published on-line as 'The Life and Work of E.G.R. Taylor (1871–1966), author of *The Mathematical Practitioners of Tudor and Stuart England* and *The Mathematical Practitioners of Hanoverian England*' in *Journal of the Hakluyt Society*, February 2007, 13 pages

http://www.hakluyt.com/journal_articles/2007/DeClercqTaylor.pdf

'A Dutch gentleman' in London. Anthony George Eckhardt, F.R.S. (1740–1810) and instruments of his invention', *Bulletin of the Scientific Instrument Society* 84 (March 2005), 10–16

'Second-hand instruments in a W&S Jones catalogue of 1795', *Bulletin of the Scientific Instrument Society* 85 (June 2005), 38–39

'Een Deense astronoom op bezoek in Nederland en Engeland. Het reisjournaal van Thomas Bugge uit 1777', pp. 74–84 in *Koersvast. Vijf eeuwen navigatie op zee. Een bundel opstellen aangeboden aan Willem Mörzer Bruyns bij zijn afscheid van het Nederlands Scheepvaartmuseum Amsterdam in 2005* (Zaltbommel, 2005)

'Two 17th-century Dutch Portraits with Optical and Mathematical Instruments', *Bulletin of the Scientific Instrument Society* 87 (December 2005), 4–7

'Transporting a Rock to St Petersburg. A Study of Mechanical Models', *Bulletin of the Scientific Instrument Society* 88 (March 2006), 60–65

‘Private Instrument Collections Sold at Auction in London in the late 18th Century. Part 1: Professional Practitioners and Gentlemen-Collectors’, *Bulletin of the Scientific Instrument Society* 95 (December 2007), 28–36; ‘Part 2: Instrument Makers and Watchmakers’, *ibid.* 100 (March 2009), 27–35. Note: a transcription of the relevant parts of these catalogues was made available on-line at

<http://www.mhs.ox.ac.uk/collections/library/ephemera/auction-catalogues/>

‘William Storer. An Inventive and Enterprising Optician in Late 18th-century London’, *Bulletin of the Scientific Instrument Society* 98 (September 2008), 28–40. Eleven supplementary appendices to this article are available as a pdf (167 KB) at

<http://www.sis.org.uk/images/clercqappendices.pdf>

‘Trade Cards and Related Ephemera of London Instrument Makers in the British Museum’, *Bulletin of the Scientific Instrument Society* 105 (June 2010), 22–26

‘The Astronomer in the Well’, *Bulletin of the Scientific Instrument Society* 110 (September 2011), 38–41

‘Carved Shop Signs of Nautical Instrument Sellers’, *Bulletin of the Scientific Instrument Society* 114 (September 2012), 20–26

‘Instrumental images in Slovakia’, *Bulletin of the Scientific Instrument Society* 115 (December 2012), 35

‘The notebooks of John Tuck of Romsey’, *Antiquarian Horology* Vol 35, nr. 3, September 2014, 973-83

‘The travel journals of Balthasar de Monconys (1608-1665) and Zacharias Conrad von Uffenbach (1683-1734)’, *Bulletin of the Scientific Instrument Society* 128 (March 2016), 2-14 [= Gerard Turner Memorial Lecture 2015]

‘Sixty years of AHS study tours’, *Antiquarian Horology* Vol 39, nr 1, March 2018, pp. 80-91