

**Master List of Historical Radio Astronomy Publications
(updated through 2020)**

Part II – Books and Full Journal Issues

(See separate Part I listing for journal articles, conference papers, book chapters)

"Astronomical Notes" *Astronomische Nachrichten*, volume 328, number 5, 2007, special issue on Historical Radio Astronomy (from IAU GA 2006)

Agar "Science and Spectacle" (about Jodrell) 1998 Overseas Publishers Assoc.

Baars, J.W.M. "International Telescope Projects" 2013 "a titre personnel"

Baars, J.W.M. and Kärcher, H., 2017, *Radio Telescope Reflectors - Historical Development of Design and Construction*. (Springer) ASSL 447. Published in Chinese by Publishing House of Electronics Industry, Beijing, January 2021.

Braude S.Ya. et al. (eds.), Kellermann K.I. (editor of English translation), 2012, *A brief History of Radio Astronomy in the USSR*, (Springer) Astrophysics and Space Sci Library v. 382, , DOI 10.1007/978-94-007-2834-9, 13 papers

Breus T.K. and Gurvits L.I. (eds.), 2019, *Intelligence, Life, the Universe: a collection of memoirs on I.S. Shklovsky*. Moscow: Russian Academy of Sciences, ISBN 5-88929-006-1, (in Russian)

Edge, D. O. and Mulkay, M.J., 1976. *Astronomy Transformed: The emergence of radio astronomy in Britain (Science, culture, and society)* (Wiley)

Elbers, A., 2015. *Early Dutch Radio Astronomy (1940-1970): The People and the Politics*. PhD Thesis: Leiden University.

Elbers, A., 2017. *The Rise of Radio Astronomy in the Netherlands; The People and the Politics*. (Springer) Series on Historical and Cultural Astronomy. ISBN 978-3-319-49078-6.

Frater, R, Goss, M., Wendt, H., (2017), *Four Pillars of Radio Astronomy- Mills, Christiansen, Wild, Bracewell*. (Springer)

- Goddard, D. E., & Milne, D. K., 1994. *Parkes: Thirty Years of Radio Astronomy*. Melbourne, CSIRO Publications.
- Goss W. M. and McGee, R., 2009, *Under the Radar* (Springer)
- Goss, W. M., 2013, *Making Waves* (Springer)
- Goss, W. M., Morris, D., Sheshadri, G., 2016. *Radio Astronomers at Sea* (self-published, ISBN 978-0-692-82510-5)
- Hanbury Brown, R., 1974, *The Intensity Interferometer* (Taylor & Francis, London)
- Hanbury Brown, R., 1991. *Boffin: A Personal Story of the Early Days of Radar, Radio Astronomy, and Quantum Optics*. Bristol, Adam Hilger.
- Haynes, R., Haynes, R., Malin, D., & McGee, R., 1996. *Explorers of the Southern Sky: A History of Australian Astronomy*. Cambridge, Cambridge University Press.
- Hey, J. S., 1973. *The Evolution of Radio Astronomy*. New York, Science History Publications.
- Jarrell, R. A., 1988. *The Cold Light of Dawn: A History of Canadian Astronomy* (University of Toronto Press, Toronto)
- Kellermann, K., & Sheets, B. (eds.), 1983. *Serendipitous Discoveries in Radio Astronomy*. Green Bank, National Radio Astronomy Observatory. Pdf version: <http://library.nrao.edu/public/collection/0200000000280.pdf>
- Kellermann, K.I., Bouton, E. N., and Brandt, S.S., 2020. *Open Skies: The National Radio Astronomy Observatory and Its Impact on US Radio Astronomy*. Cham, Springer. Open Access: <https://www.springer.com/gp/book/9783030323448>
- Kostenko A.A. (ed.), 2005, *Academician S.Ya. Braude in the memoirs of contemporaries* (Radio Astronomy Institute of the Ukrainian National Academy of Sciences, Kharkiv, ISBN 966-02-3480-5, 328 pages, in Russian)
- Kraus, J. D., 1976. *Big Ear*. Powell, Cygnus-Quasar Books.
- Lockman, F. J., Ghigo, F. D., & Balser, D. S. (eds.), 2007. *But It Was Fun: The First Forty Years of Radio Astronomy at Green Bank*. Green Bank, National Radio Astronomy Observatory.

- Lovell, Bernard, 1968, *The Story of Jodrell Bank* (Oxford University Press, London)
- Lovell, Bernard, 1973, *Out of the Zenith - Jodrell Bank 1957-1970* (Oxford University Press, London)
- Lovell, Bernard, 1985, *The Jodrell Bank Telescopes* (Oxford University Press, Oxford)
- Lovell, Bernard, 1987. *Voice of the Universe: Building the Jodrell Bank Telescope*. New York, Praeger Publishers.
- Lovell, Bernard, 1990. *Astronomer by Chance*. New York, Basic Books, Inc.
- Malphrus, B. K., 1996. *The History of Radio Astronomy and the National Radio Astronomy Observatory*. Malabar, Krieger Publishing Company.
- Munns, D. P., 2013, *A Single Sky* (Cambridge: MIT Press)
- Orchiston, W., Robertson, P., and Sullivan, W. T., 2021. *The Golden Years of Australian Radio Astronomy: An Illustrated History*. Springer
- Pariiskii, Yu. N. *Pages from My Life* (in Russian), SPb Publications, 2017.
- Piper, R., 1963. *The Big Dish: The Fascinating Story of Radio Telescopes*. New York, Harcourt, Brace & World.
- Raimond, E., and Genee, R. (eds.), 1996. *The Westerbork Observatory, Continuing Adventure in Radio Astronomy*. (Dordrecht: Kluwer) ASSL, 207.
- Robertson, P., 1992. *Beyond Southern Skies*. (Cambridge: Cambridge University Press)
- Robertson, P., 2018. *Radio Astronomer: John Bolton and a New Window on the Universe*. Sydney, NewSouth Publishing.
- Shields, J. C., 1993. *Harold F. Weaver: California Astronomer: An Oral History*. Berkeley, University of California.
- Strom, R., Van Ardenne, A., and Torchinsky, S. (eds.), 2018. *50 Years Westerbork Radio Observatory — A Continuing Journey to Discoveries and Innovations*. (Proceedings of Science (pos.sissa.it) and ASTRON, Dwingeloo, The Netherlands)

Sullivan, Woodruff T. III, 1982. *Classics in Radio Astronomy* (Dordrecht, Reidel). [A collection of 37 reprinted articles covering the period 1896-1954, with extensive commentary.]

Sullivan, Woodruff T., III, 1984. *The Early Years of Radio Astronomy: Reflections Fifty Years After Jansky's Discovery* (Cambridge: Cambridge University Press). [Editor and contributor to a collection of 25 retrospective and historical articles covering the pre-1960 era.] Pdf of front matter only:

https://assets.cambridge.org/97805217/65244/frontmatter/9780521765244_frontmatter.pdf

Sullivan, Woodruff T., III, 2009. *Cosmic Noise: A History of Early Radio Astronomy* (Cambridge: Cambridge University Press). [A detailed monograph on the worldwide development of all aspects of the field up until 1953.]

van der Kruit, P.C., 2019. *Jan Hendrik Oort -- Master of the Galactic System*. (Springer)

IN PREPARATION OR IN PRESS (as of 23 March 2021)

Campbell D. *History of the Arecibo Observatory*

Goss, W.M., Ekers, R.D., and Hooker, C. *From the Sun to the Cosmos, J. L. Pawsey* (in press, Springer)

Gregorini, L., Feretti, L., Giovannini, G., Mantovani, F., Parma, P., and Vettolani, G. *Why don't you build a radio telescope?: 40 years of Radio Astronomy in Bologna* (in Italian). (In press, Bologna University Press). The English translation is in preparation.

Gurvits, L.I., Hirabayashi, H. and Schilizzi, R.T. *Space VLBI – Radio telescopes Larger than the Earth* (to be published by Springer)

Kellermann, K.I. and Bouton, E.N. *Star Noise: Discovering the Radio Universe*.

Schilizzi, R.T., Ekers, R.D., Crosby, P., and Dewdney, P.E.D. *The Square Kilometre Array: a science mega-project in the making, 1993-2012*

Schwartz, R. and Zensus, J.A. *History of the Max Planck Institute for Radioastronomy (English translation)*

Vanden Bout, P. and Dickman, R. *The ALMA Radio Telescope - Birth Pangs of a Megaproject*.

Wall, J.V., Griffin, E., and Jarrell, R. *A Young Science in a Young County: The Origins and History of Canadian Radio Astronomy* (to be published by Springer)