

**Master List of Historical Radio Astronomy Publications  
(updated through 2024)**

**Part II – Books and Full Journal Issues**

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

*100 Years of the International Union of Radio Science*, 2021. Ed. Philip Wilkinson, Paul S. Cannon, W. Ross Stone. Gent: URSI Press. [Includes chapter on Commission J by Jaap Baars, p. 589]

*Academician A.D. Sakharov: science works*, 2021, eds. B.L. Altshuler, M.A. Vasiliev, L.I. Gurvits, I.M. Dremin, V.I. Ritus, V.Ye. Fortov, A.E. Shabad, Moscow, Fizmatlit, ISBN 978-5-9221-1907-8 (in Russian), contains papers by

- L.V.E. Koopmans, "Cosmology at the wavelength of 21 cm at high redshift – from Sakharov to the SKA", pp. 264-275;

- N.S. Kardashev and L.I. Gurvits, "Telescopes greater than Earth for cosmology and microphysics", pp. 387-390;

- Answers by A.D. Sakharov on the questionnaire on CETI (1971) with commentaries by L.M. Gindilis (2021), pp. 462-466

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

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

Baars, J.W.M., 2013. *International Radio Telescope Projects - A life among their designers, builders and users* (CreateSpace Independent Publishers, Amazon).

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)

Campbell, D., 2024. *The Arecibo Observatory: A History of Innovation and Discovery*. (Springer)

Charbonneau, Rebecca, 2025. *Mixed Signals: Alien Communication Across the Iron Curtain*. (Polity)

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)

Goss, W.M., Hooker, C., and Ekers, R.D., 2023. *Joe Pawsey and the Founding of Australian Radio Astronomy - Early Discoveries, from the Sun to the Cosmos* (Springer). Open access: <https://link.springer.com/book/10.1007/978-3-031-07916-0>

Gregorini, L., Feretti, L., Giovannini, G., Mantovani, F., Parma, P., and Vettolani, G. Perché non costruisci un radiotelescopio?: quarant'anni di Radioastronomia a Bologna. Why don't you build a radio telescope?: 40 years of Radio Astronomy in Bologna (in Italian). (Bononia University Press). Italian edition: <https://buponline.com/prodotto/perche-non-costruisci-un-radiotelescopio/>. English translation: <https://info.ira.inaf.it/wp-content/uploads/2021/07/Storia-IRA-EnglishVersion1.pdf>.

- Gullberg, Steven and Robertson, Peter (eds.), 2023. *Essays on Astronomical History and Heritage: A Tribute to Wayne Orchiston on His 80<sup>th</sup> Birthday*. (Springer, Cham)
- 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>
- Kellermann, K.I. and Bouton, E.N., 2023. *Star Noise: Discovering the Radio Universe*. (Cambridge University Press)
- 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. Open Access: <https://link.springer.com/content/pdf/10.1007/978-3-319-91843-3.pdf>
- Pariiskii, Yu. N., 2017. *Pages from My Life* (in Russian), SPb Publications.
- 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.
- Schilizzi, R.T., Ekers, R.D., Crosby, P., and Dewdney, P.E.D., 2024. *The Square Kilometre Array: a science mega-project in the making, 1990-2012*. Cham, Springer. Open Access: <https://link.springer.com/content/pdf/10.1007/978-3-031-51374-9.pdf>
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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](http://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](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.]

Vanden Bout, P.A., Dickman, R.L., and Plunkett, A.L., 2023. *The ALMA Telescope – The Story of a Science Mega-project*. (Cambridge University Press). Open access:  
<https://www.cambridge.org/core/books/alma-telescope/5C95C1D40C160F27C91BD0171DD5B0E8#fndtn-information>

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

Wall, J.V., Griffin, E., and Jarrell, R., 2024. *Radio Astronomy in Canada: Young Science in a Young County* (Springer)

Wilkinson, P., Cannon, P.S., and Stone, W. Ross, 2021. *100 Years of the International Union of Radio Science* (Gent: URSI Press) [Includes chapter on Commission J by Jaap Baars, p. 589]

#### **IN PREPARATION OR IN PRESS (as of 31 December 2024)**

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

Lequeux, J., and Orchiston, W. *Historie de la Radioastronomie Française*. Paris, UDP Press (in French).

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