

Suggestions for Additional Reading

I) Conference Proceedings

- 1) Advances in Cryogenic Engineering, Volumes 1 – 65, Plenum Press, AIP Press and IOP

These are the proceedings of the Cryogenic Engineering Conference / International Cryogenic Materials Conference which is held biannually (odd years) in North America.

Most recent conference (2017) available on line at
<http://iopscience.iop.org/issue/1757-899X/278/1>

- 2) Proceedings of the International Cryogenic Engineering Conference

These are the proceedings of the International Cryogenic Engineering Conference that is held biannually (even years) in Europe or Asia

Most recent conference (2018) available online at:
<https://iopscience.iop.org/issue/1757-899X/502/1>

- 3) Applied Superconductivity Conference, IEEE Transactions on Magnetics
- 4) Proceedings of the Magnet Technology Conference

II) Periodicals

- 1) *Cryogenics*, Elsevier Science – Monthly refereed journal covering all aspects of cryogenic engineering and science Available on line at:
<http://www.sciencedirect.com/science/journal/00112275>
- 2) *Journal of Low Temperature Physics*, Plenum Press – Monthly refereed journal covering fundamental aspects of cryogenics. This journal contains more physics and less engineering than *Cryogenics*

III) Books

- 1) Cryogenic Regenerative Heat Exchangers, R. Ackermann, Plenum Press, (1997)
- 2) Cryogenic Systems, R. Barron, Oxford University Press, (1985)

- 3) Cryogenic Heat Transfer, R. Barron, Taylor and Francis, (1999)
- 4) Cryogenic Two-Phase Flow, N.N. Filina & J. G. Weisend II, Cambridge University Press, (1996)
- 5) Cryogenic Engineering, T.M. Flynn, Dekker (1997)
- 6) Cryostat Design – Case Studies, Principles and Engineering, J.G. Weisend II (Ed) Springer (2016)
- 7) Experimental Techniques for Low Temperature Measurements, J. W. Ekin, Oxford University Press, (2006)
- 8) Heat Transfer at Low Temperatures, W. Frost, Plenum Press (1975)
- 9) Technology of Liquid Helium, R. Kropschot, B. Birmingham, D. Mann, NBS Monograph, (1968)
- 10) Experimental Principles & Methods Below 1 K, O. V. Lounasmaa, Academic Press (1974)
- 11) Low Temperature Solid State Physics – H. M. Rosenberg, Clarendon Press
- 12) Cryogenic Engineering, R. Scott, Met-Chem, (1963)
- 13) Safety in the Handling of Cryogenic Fluids, W. Stewart & F. Edeskuty, Plenum Press (1996)
- 14) Cryogenic Process Engineering, K. Timmerhaus & T. Flynn, Plenum Press (1989)
- 15) Helium Cryogenics , S. W. Van Sciver, 2nd Edition, Springer (2012)
- 16) Cryocoolers Part I: Fundamentals, Part II: Applications, G. Walker, Plenum Press, (1983)
- 17) Handbook of Cryogenic Engineering, J. G. Weisend II (Ed), Taylor and Francis (1998)
- 18) Experimental Techniques in Low Temperature Physics, G. White, Oxford University Press (1979)
- 19) Engineering Superconductivity, P. Lee (Ed), Wiley Interscience (2001)
- 20) Cryogenic Safety Manual: A Guide to Good Practices, British Cryogenics Council (1991)
- 21) Oxygen Deficient Atmospheres, Compressed Gas Association Bulletin CGA SB-2, Compressed Gas Association (2014)
- 22) Safety with Cryogenic Fluids, Zabetakis, M.G., Plenum Press (1967)
- 23) He is for Helium: Defining Cryogenics from ADR to Zero Boil-Off, J. G. Weisend II, Cryogenic Society of America (2018)
- 24) Cryogenic Safety: A Guide for the Lab and Industry, T. J. Peterson and J.G. Weisend II, Springer (2019)

IV) Buyer's Guides

- 1) Cold Facts Buyer's Guide – Cryogenic Society of America
http://www.cryogenicsociety.org/buyers_guide/
- 2) Physics Today Buyer's Guide <http://www.physicstoday.org/ptbg/search.jsp>

