

Suggestions for Additional Reading

I) Conference Proceedings

- 1) Applied Superconductivity Conference, IEEE Transactions on Magnetics
- 2) Proc International Conference on Magnet Technology; MT-1 to MT-20 (2007) pub mainly as IEEE Trans Applied Superconductivity and IEEE Trans Magnetics
- 3) Advances in Cryogenic Engineering, Volumes 1 – 54, Plenum Press & AIP Press
- 4) Proceedings of the International Cryogenic Engineering Conference

II) Periodicals

- 1) *Cryogenics*, Elsevier Science – Monthly refereed journal covering all aspects of cryogenic engineering and science
- 2) *IEEE Transactions on Magnetics*– Monthly refereed journal covering all aspects of magnets and magnetic material
- 3) IEEE Trans Applied Superconductivity, pub quarterly

III) Reports and Papers

- 1) “Iron Dominated Electromagnets : Design, Fabrication, Assembly and Measurements”, J. Tanabe, SLAC-R-754 (June 2005)
- 2) “Wiggler & Undulator Magnets – A Review” G. Brown et al., *Nuclear Instrumentation & Methods*, Volume 208 (1983)
- 3) “Development of a Prefab Cryogenic Undulator at SOLEIL”, C. Benabderrahmane et al., *Proceedings of IPAC’10*, Japan (2010)
- 4) “ The Design and Manufacture of the Fermilab Main Injector Dipole Magnet”, B. Brown et al. *Proc EPAC* (1992)
- 5) “Design Considerations and Prototype Performance of the Fermilab Main Injector Dipole” D. Harding et al. *Proc PAC* (1991)

IV) Books

- 1) Handbook of Accelerator Physics & Engineering, A. Chao and M. Tigner, World Scientific (2002)
- 2) Cryogenic Engineering, T.M. Flynn, Dekker (1997)
- 3) Cryogenic Engineering, R. Scott, Met-Chem, (1963)

- 4) Cryogenic Process Engineering, K. Timmerhaus & T. Flynn, Plenum Press (1989)
- 5) Helium Cryogenics , S. W. Van Sciver, Plenum Press (1986)
- 6) Handbook of Cryogenic Engineering, J. G. Weisend II (Ed), Taylor and Francis (1998)
- 7) Superconducting Magnets, M. Wilson, Oxford University Press (1983)
- 8) Engineering Superconductivity, P. Lee, (Ed), Wiley Interscience (2001)
- 9) Case Studies in Superconducting Magnets: Y Iwasa, pub Plenum Press, New York (1994), ISBN 0-306-44881-5.
- 10) High Field Superconducting Magnets: FM Asner, pub Oxford University Press (1999) ISBN 0 19 851764 5
- 11) Superconducting Accelerator Magnets: KH Mess, P Schmuser, S Wolf., pub World Scientific, (1996) ISBN 981-02-2790-6
- 12) Stability of Superconductors: L. Dresner, pub Plenum Press, New York (1994), ISBN 0-306-45030-5
- 13) Handbook of Applied Superconductivity ed B Seeber, pub UK Institute Physics 1998
- 14) Materials at Low Temperature: Ed RP Reed & AF Clark, pub Am. Soc. Metals 1983. ISBN 0-87170-146-4
- 15) Handbook on Materials for Superconducting Machinery pub Batelle Columbus Laboratories 1977.
- 16) Nonmetallic materials and composites at low temperatures: Ed AF Clark, RP Reed, G Hartwig pub Plenum
- 17) Nonmetallic materials and composites at low temperatures 2, Ed G Hartwig, D Evans, pub Plenum 1982

V) 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>

VI) Websites

- 1) <http://cas.web.cern.ch/cas/Belgium-2009/Bruges-after.html> CERN Accelerator School Specialized Course on Magnets (Bruges 2009)