

2017-2018 Space and Atmospheric Physics PG lectures

16-20 October 2017: Basic plasma physics (Imogen Gingell & Julia Stawarz)

Books on space physics

Some textbooks that might be useful – but there are many more that you can look at. Come and ask if you want more guidance!

Basic space plasma physics (W. Baumjohann and R. Treumann), Imperial College Press, 1997 (1st edition), World Scientific Press 2012 (2nd edition)

Physics of solar system plasmas (T. E. Cravens), Cambridge University Press, 1997

Introduction to space physics (eds. M. G. Kivelson and C. T. Russell), Cambridge University Press, 1995

Physics of the space environment (T. I. Gombosi), Cambridge University Press, 1998

Books on plasma physics relevant for space physics

The physics of plasmas (T. J. M. Boyd and J. J. Sanderson), Cambridge University Press 2003

Plasma physics for astrophysics (R. M. Kulsrud), Princeton University Press, 2006