

A very good collection of educational resources on string theory and related topics is assembled by Donald Marolf, hep-th/0311044.

BOOKS:

QFT/Strings: "Quantum Field Theory of Point Particles and Strings", Hatfield

QFT: "Quantum Fields in Curved Space", Birrell and Davies

**Cosmology: "Inflation and the Theory of Cosmological Perturbations", Liddle and Lyth;
"Particle Physics and Inflationary Cosmology", Linde, hep-th/0503203**

Supersymmetry: "Supersymmetry and Supergravity", Wess and Bagger

Strings: J.Polchinski, "String theory. Vol. 1: An introduction to the bosonic string"

**J.Polchinski, "String theory. Vol. 2: Superstring theory and beyond" M.B.Green,
J.H.Schwarz and E.Witten, "Superstring Theory. Vol. 1:**

Introduction"

**M.B.Green, J.H.Schwarz and E.Witten, "Superstring Theory. Vol. 2: Loop
Amplitudes, Anomalies And Phenomenology"**

C.V.Johnson, "D-Branes"

REPRINTS, etc.:

**Cosmology: A.Riotto,
"Inflation and the theory of cosmological perturbations,"
arXiv:hep-ph/0210162.**

**CFT: P.H.Ginsparg,
"Applied Conformal Field Theory,"
arXiv:hep-th/9108028.**

**SUSY: "Introduction to Global Supersymmetry", P.Argyres, available at
<http://www.physics.uc.edu/~argyres/661/index.html>**

**SUGRA: K.S.Stelle,
"BPS branes in supergravity,"
arXiv:hep-th/9803116.**

Advanced topics:

**J.R.David, G.Mandal and S.R.Wadia,
"Microscopic formulation of black holes in string theory,"
Phys. Rept. 369, 549 (2002)
[arXiv:hep-th/0203048];**

**A.W.Peet,
"TASI lectures on black holes in string theory,"
arXiv:hep-th/0008241;**

**P.K.Townsend,
"Four lectures on M-theory,"
arXiv:hep-th/9612121;**

O.Aharony, S.S.Gubser, J.M.Maldacena, H.Ooguri and Y.Oz,
"Large N field theories, string theory and gravity,"
Phys. Rept. 323, 183 (2000)
[arXiv:hep-th/9905111];

M.Spradlin, A.Strominger and A.Volovich,
"Les Houches lectures on de Sitter space,"
arXiv:hep-th/0110007;

B.R.Greene,
"String theory on Calabi-Yau manifolds,"
arXiv:hep-th/9702155;

P.S.Aspinwall,
"Compactification, geometry and duality: N = 2,"
arXiv:hep-th/0001001;

P.S.Aspinwall,
"K3 surfaces and string duality,"
arXiv:hep-th/9611137;

R.Bousso,
"The holographic principle,"
Rev. Mod. Phys. 74, 825 (2002)
[arXiv:hep-th/0203101].