References:

Books:

- (perturbative) QCD and phenomenology at colliders:

  Ellis, Stirling, Webber: QCD and collider Physics (probably the best reference to start learning perturbative QCD for collider Physics)

- perturbative QCD:

  Disertori, Knowles, Schmelling: Quantum Chromodynamics: High Energy Experiments and Theory (chapter 2, 3, and 4 are very comprehensive, and details are given at a level difficult to find in other books)

  Collins: foundations of perturbative QCD (certainly not for beginners, but chapter 3.1-3.6 recommended for a discussion of renormalization similar to the lectures)

  Muta: foundations of Quantum Chromodynamics

- QFT in general:

  Peskin, Schroeder: An Introduction to Quantum Field Theory

  Schwartz: Quantum Field Theory and the Standard Model

Reviews/lectures given at schools:

- previous QCD lecturers at VSOP
- Mangano: "Introduction to QCD"
- Nason: "Introduction to perturbative QCD"
- recent schools at CERN, GGI, ICTP schools
- Aurenche, Guillet, Pilon: "QED, QCD en pratique" (in French, but very comprehensive)

Notes:

- see indico