Books on Gauge-String Duality
   There exists a slightly older on-line version:

Reviews directly relevant for this course

Reviews of Gauge-String Duality and Applications

• Duality in Lattice Statistical Mechanics

• Duality in QFT
Y. Frishman and J. Sonnenschein, ”Non-Perturbative Field Theory: From Two Dimensional Conformal Field Theory To QCD In Four Dimensions”, Cambridge U. Press, 2010.

• Large N expansion

• Black hole thermodynamics, Bekenstein-Hawking entropy and microstates counting

• Black branes
• The original AdS/CFT papers

• Original papers relevant for the course

• Holography and phenomenology of heavy ion physics

• Books on string theory

• Online lecture courses
  J. McGreevy, MIT lectures, TASI lectures and other recordings online.
  S. Hartnoll, Nordita lectures and other recordings online.
  H. Liu, MIT lectures online.