

The syllabus:

- 1) QCD at finite temperature
- 2) General conditions in heavy-ion collisions
- 3) Signals of quark matter formation
- 4) Critical point search

Reading material:

- 1) Pramana theme issue on Hot and Dense Matter vol 84 (2015) p 669-941. <http://www.ias.ac.in/listing/>
- 2) S. Gupta, A Short Introduction to Heavy Ion Physics, arxiv: 1508.01136