2023 Tentative Course Schedule

Part 1 - Computer skills for HEP

- Week 1 (Jan 24, 26): HEP Computing Basics
- Week 2 (Jan 31, Feb 2): Modern Software Tools
- Week 3 (Feb 7, 9): LaTeX
- Week 4 (Feb 14, 16): C++
- Week 5 (Feb 21, 23): C++
- Week 6 (Feb 28, Mar 2): Python
- Week 7 (Mar 7, 9): ROOT
- Week 8 (Mar 14, 16): ATLAS Software and Batch Systems and the Grid

Part 2 - Theoretical HEP

- Week 9 (Mar 21, 23): The Standard Model
- Week 10 (Mar 28, 30): The Higgs Sector and Beyond the Standard Model
- Spring Break (Apr 4, 6): No class

Part 3 - Experimental HEP

- Week 11 (Apr 11, 13): LHC and Collider Physics
- Week 12 (Apr 18, 20): Detecting Particles
- Week 13 (Apr 25, 27): The ATLAS Collaboration and Anatomy of a HEP-ex Analysis
- Week 14 (May 2, 4): Anatomy of a HEP-ex Analysis