

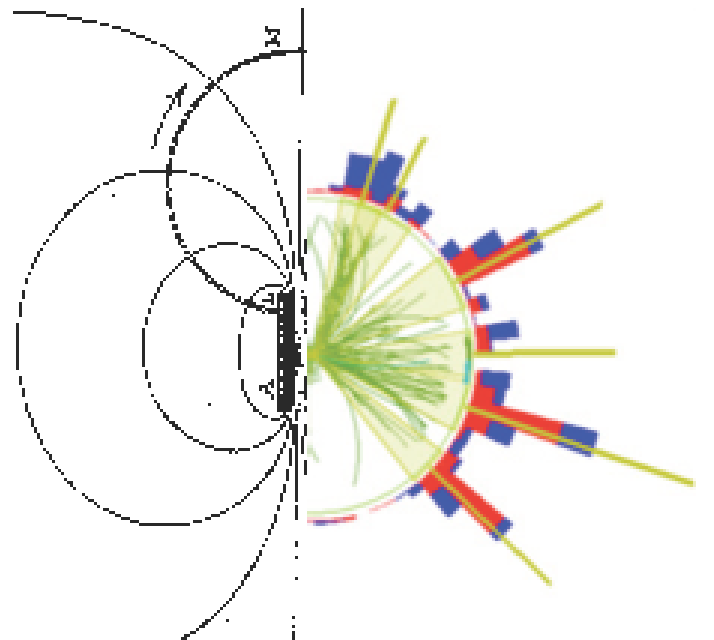


Jets in Quantum Chromodynamics and Beyond.

George Sterman (SUNY, Stony Brook)

Tuesday, 3 September 2013, 16:45 h
Auditorium

Jets, consisting of collimated, energetic particles that emerge from high energy collisions, provide a window to the production and decay of short-lived quantum states. The generation of colliders that confirmed the Standard Model brought QCD jets to life, and at the Large Hadron Collider they serve as signals, and crowd in as backgrounds. At an LHC energy of 14 TeV, jets from other sources will emerge. I will discuss why and how we see jets, and review their role in past and future experiments.



- **Coffee, tea and cookies will be served at 16:30h**
- **After the seminar there is a chance for private discussions with the speaker over wine and pretzels**