

Cockcroft Institute Colloquium

Cosmic Accelerators

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Walton Rooms A & B, The Cockcroft Institute

Abstract

The past decade has produced a wealth of new data and new theoretical insights into the origin of ultrahigh-energy cosmic rays, the microscopic particles accelerated to macroscopic energies. I will review the current understanding of cosmic accelerators, as well as the puzzles one must resolve to understand the most powerful sources in the universe.