

TUESDAY, APR. 10, 2001
ROOM 113
MacNAUGHTON BLDG.
4:00 p.m.

PROF. RICHARD J. HEMINGWAY

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"LEP is dead ... long live the Standard Model of Particle Physics"

The Large Electron Positron collider (LEP) at CERN, Geneva, Switzerland was constructed during the 1980's to allow precision measurements that would confront the Standard Model of particle physics. After 12 years of successful operation (1989-2000) LEP has now been shutdown and will be replaced by a powerful proton-proton machine, the Large Hadron Collider (LHC). The results from LEP are truly outstanding and have confirmed the Standard Model to a high degree of accuracy. Only the Higgs particle remains to be found. The talk will focus on some of the major physics results of the LEP program.

COFFEE WILL BE AVAILABLE PRIOR TO THE COLLOQUIUM