



1973: Neutral Currents

1983: W^\pm & Z^0 Bosons

**The anniversary of CERN's discoveries
and a look into the future**

**Tuesday, September 16, 2003 at 9 am
Main Auditorium**

- * **Welcome:** Luciano Maiani
- * **The making of the Standard Model:** Steven Weinberg
- * **CERN's contribution to accelerators and beams:** Giorgio Brianti
- * **The discovery of neutral currents:** Dieter Haidt
- * **The discovery of the W & Z, a personal recollection:** Pierre Darriulat
- * **W & Z Physics at LEP:** Peter Zerwas
- * **Physics at the LHC:** John Ellis
- * **Challenges of the LHC:**
 - The accelerator challenge of the LHC: Lyn Evans
 - The detector challenge of the LHC: Jos Engelen
 - The computing challenge of the LHC: Paul Messina
- * **Particle detectors and society:** Georges Charpak
- * Closing of the Symposium: **The future for CERN:** Luciano Maiani

Panel discussion: Future of Particle Physics

With the participation of: Robert Aymar, Georges Charpak, Pierre Darriulat, Luciano Maiani, Simon van der Meer, Lev B. Okun, Donald Perkins, Carlo Rubbia, Martinus Veltman, Steven Weinberg

Organizers: Roger Cashmore and Jean-Pierre Revol

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