DILEPTONS FROM HEAVY IONS AND THE RESTORATION OF CHIRAL SYMMETRY

CHIPS 99 CERN

June 21-25, 1999

Contents:

1. Introduction
   - The Phase Diagram
   - The Phase Transition and Heavy Ions
   - Dileptons as Probes
2. Symmetries of QCD
   - Scale Invariance
   - Chiral Invariance
3. Symmetry Breaking and Restoration
   - Dynamical Symmerty Breaking in the Vacuum
   - In-Medium Condensates