CERN experiment NA44

- Study the space-time evolution and temperature of nuclear collisions
- Measure one- and two-particle distributions of charged hadron
  - around mid-rapidity ($y_{lab} \approx 3$)
  - $0 \leq P_T \leq 1.6$ GeV/c
  - TOF resolution $\leq$ 100ps
  - $\delta P/P \approx 0.5\%$ (@ nominal $P = 8$GeV)

- Recent publications
  - Phys. Rev. Lett. 78 (1996) 2080
    - Collective expansion in high energy heavy ion collisions
  - Phys. Lett. B388 (1996) 431
    - Mid-rapidity protons in 158 A GeV Pb+Pb collisions
  - Phys. Lett. B372 (1996) 339
    - Coulomb effect in Single Particle Distributions