Which experiments ?

- $\Upsilon(4S)$ experiments : ARGUS and CLEO
  - $\mathrm{B^0_d}$ only production
  - First experimental evidence of the $\mathrm{B^0\bar{B}^0}$ phenomenon
  - No boost of the $\mathrm{B^0_d}$ $\rightarrow$ time integrated measurements : $\chi_d = .156 \pm .024$

- LEP experiments : ALEPH, DELPHI, L3 and OPAL
  - Production of both $\mathrm{B^0_d}$ and $\mathrm{B^0_s}$
  - First experimental evidence for *time dependent* oscillations for the $\mathrm{B^0_d}$
  - Boost of the $\mathrm{B^0} \rightarrow \ell \simeq 3$ mm
  - Clear separation of the 2 hemispheres $\rightarrow$ both inclusive and exclusive analyses
  - $\sim 4\ 10^6\ \mathrm{Z^0}$ per experiment

- SLC experiment : SLD
  - Similar experimental situation as LEP except for :
  - Small beam spot and precise vertex determination
  - Initial state tagging due to the beam polarization
  - $\sim 0.15\ 10^6\ \mathrm{Z^0}$

- Hadron collider experiment : CDF
  - Huge production of $\mathrm{B^0_d}$ and $\mathrm{B^0_s}$
  - Not so clean environment $\rightarrow$ reduction of the $\sharp$ of evts
  - $\mathrm{B^0_d}$ results only