

# Hadronization

Rainer J. Fries

Cyclotron Institute and Department of Physics and Astronomy, Texas A&M University College Station, TX 77843, USA





#### From Partons to Hadrons



## Hadronization Models



Factorization / Independent fragmentation







- □ What robust predictions can we make about the parton phase / parton dynamics from experimental data?
  - □ Example: Flow pattern of final hadrons → flow of partons before hadronization?
  - $\Box$  Example: Hadron chemistry  $\rightarrow$  parton chemistry?

## Challenges ...







#### ... and opportunities

Re-analysis of e+e- data with modern tools.

