



Event Shape Variables in Deep Inelastic Scattering at HERA

Preliminary Examination

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Outline

Introduction

HERA and ZEUS

Deep Inelastic Scattering

Jets

Event Shapes

Outlook



Conclusions



Study of Event Shapes in DIS at HERA

- **Should provide a powerful method to study QCD**
 - Examine the connection between Perturbative and Nonperturbative regimes
 - Reduce dependence on hadronization and jet reconstruction
 - Provides a direct observation of gluon radiation
- **First look shows acceptable level of agreement**
- **Larger sample available for good statistics**