



WORKSHOP  
**Physics with HERA  
as eA collider**

DESY, Hamburg, Germany  
25-26 May, 1999

### Topics:

- QCD nonlinear dynamics in high-density domain
- Diffraction and nuclear shadowing
- Parton propagation through nuclear media
- Machine aspects
- Detectors
- Connection to heavy ion physics

### Invited speakers:

N. Angert \* (to be confirmed), Yu. Dokshitzer, D. von Harrach, W. Krasny, A. Mueller, K. Rith, M. Strikman, F. Willeke

### Organizing Committee:

G. Ingelman (Upsala/DESY), M. Strikman (PSU/DESY), A. Wagner (DESY)

### Registration and Further information

Email [heraea@mail.desy.de](mailto:heraea@mail.desy.de)  
<http://www.desy.de/heraea>

**Aim: Review recent progress in the studies of the eA collider physics, discuss machine and detector issues, define the next steps of the studies.**

The workshop will include invited talks, original presentations and discussions.

### International Advisory committee:

J. Bjorken (SLAC), J.-P. Blaizot (SACLAY), W. Buchmüller (DESY), J. Dainton (DESY), L. Frankfurt (TAU), A. Levy (TAU), P. Marage (IIHE), L. McLerran (Univ. of Minnesota), V. Metag (Univ. of Giessen), G. van Middelkoop (NIKHEF), A. Schaefer (Univ. of Regensburg), H. J. Specht (GSI), T. Walcher (Univ. of Mainz), W. Weise (Munich TU)

