



# Technical Design Report on the Beam Energy Spectrometer

## PROPOSAL:

- Introduction (DESY) ~ 2 pages
- Overview (basic parameters) (DESY) ~ 4 pages
- Magnets (Dubna) ~ 20 pages
- BPM's (DESY/TU) ~ 10 pages
- Slow Control (plus Alignment, Survey) (Dubna) ~ 5 pages
- Infrastructure (DESY) ~ 3 pages
- Cost Estimates (all) ~ 2 pages
- Summary (DESY/Dubna) ~ 3 pages



Subjects studied in addition to the magnet spectrometer:

- E(beam) Measurements using Synchrotron Radiation
- Radiative Return Events
- Resonance Absorption Method (?)

→ included as Appendices

Total volume of the TDR: 60 - 70 pages

Details on each topic should be documented in additional papers



## Time Schedule:

- start drafting: end 2003/begin 2004
- 1. draft on each topic: March/April 2004,  
at the time of next meeting;  
(LC worldwide meeting:  
Paris, 19-24 April 2004)
- finalize draft: June 2004,  
at the time of June meeting
- TDR: July 2004