H1 DETECTOR
≈ 270,000 channels
≈ 3 MBytes raw data

FRONT-END DIGITISATION

Mainly VMEbus

≈ 200 crates
≈ 200 µprocessors
≈ 70 DSPs

Qt-analysis in drift chambers

Subdetector Master Crates (12 Branches)

12 - 50 MBytes/s max.
≈ 1.5 MB/s typically

CENTRAL DAQ

SYSTEM-MANAGEMENT

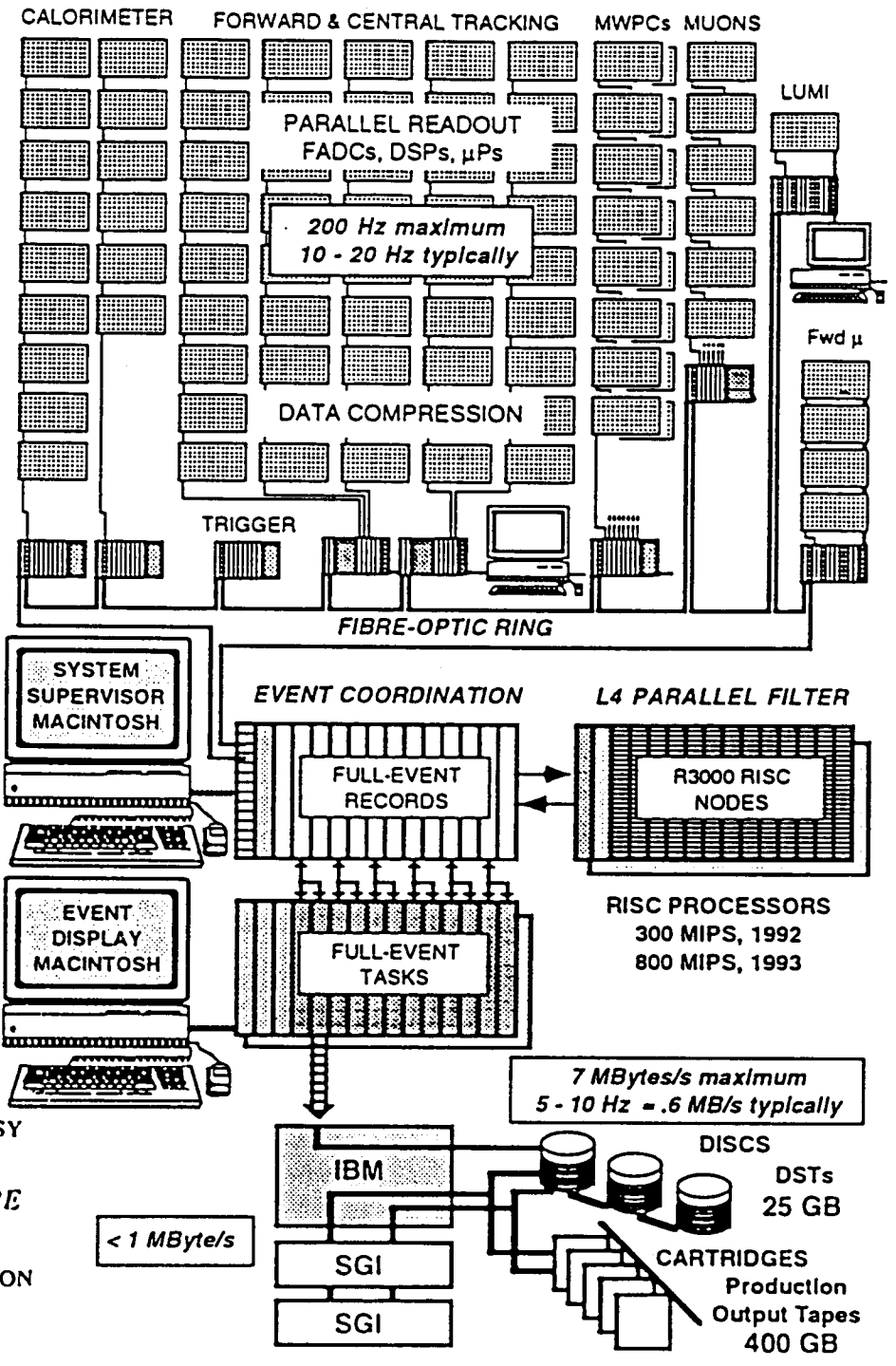
EVENT BUILDING

L4 FILTER RECONSTRUCTION

DATA MONITORING

EVENT SERVER FOR NETWORK ACCESS

DATA LOGGING
Fibre-optic link H1->DESY

COMPUTER CENTRE

EVENT CLASSIFICATION
DATA REDUCTION