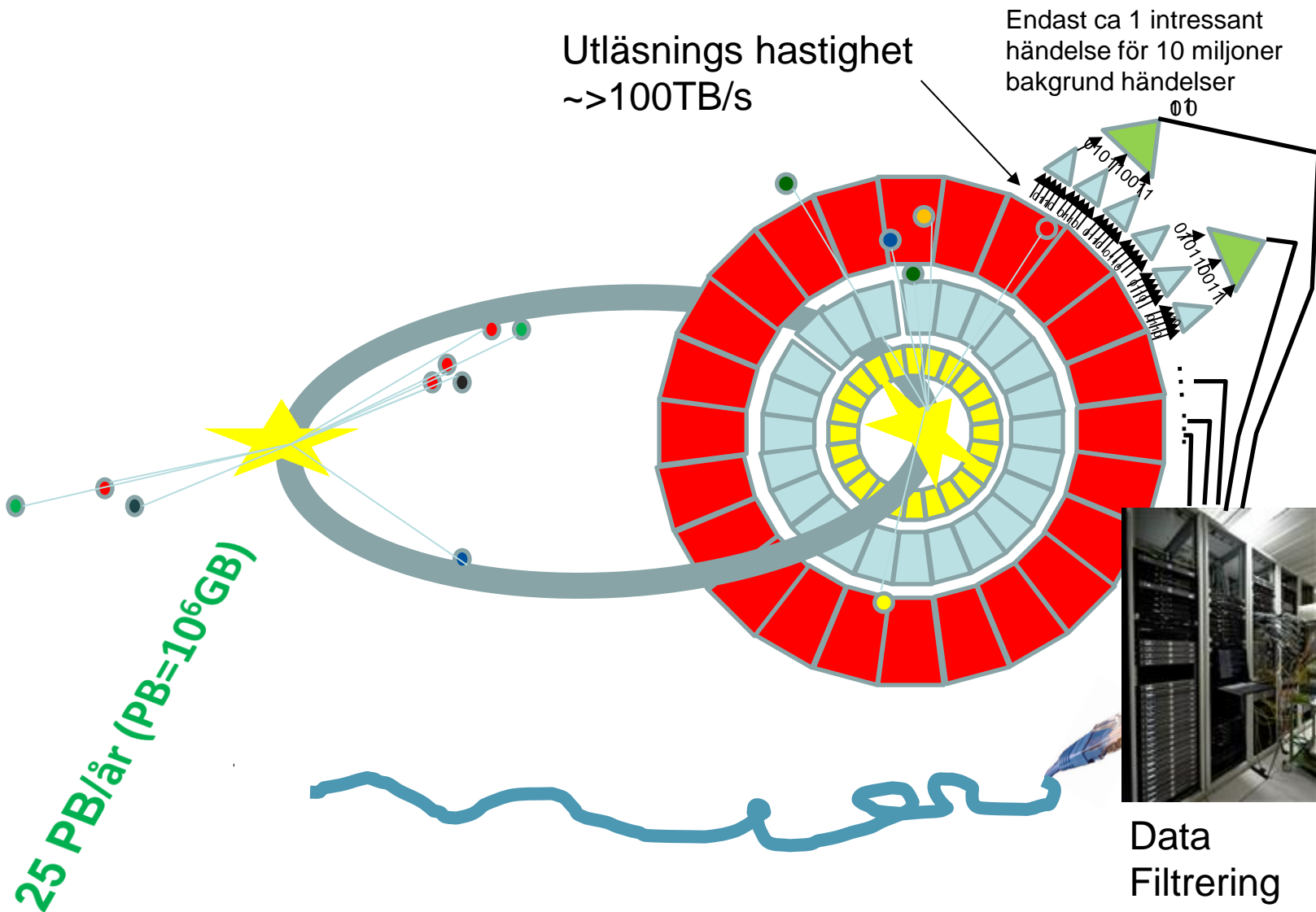
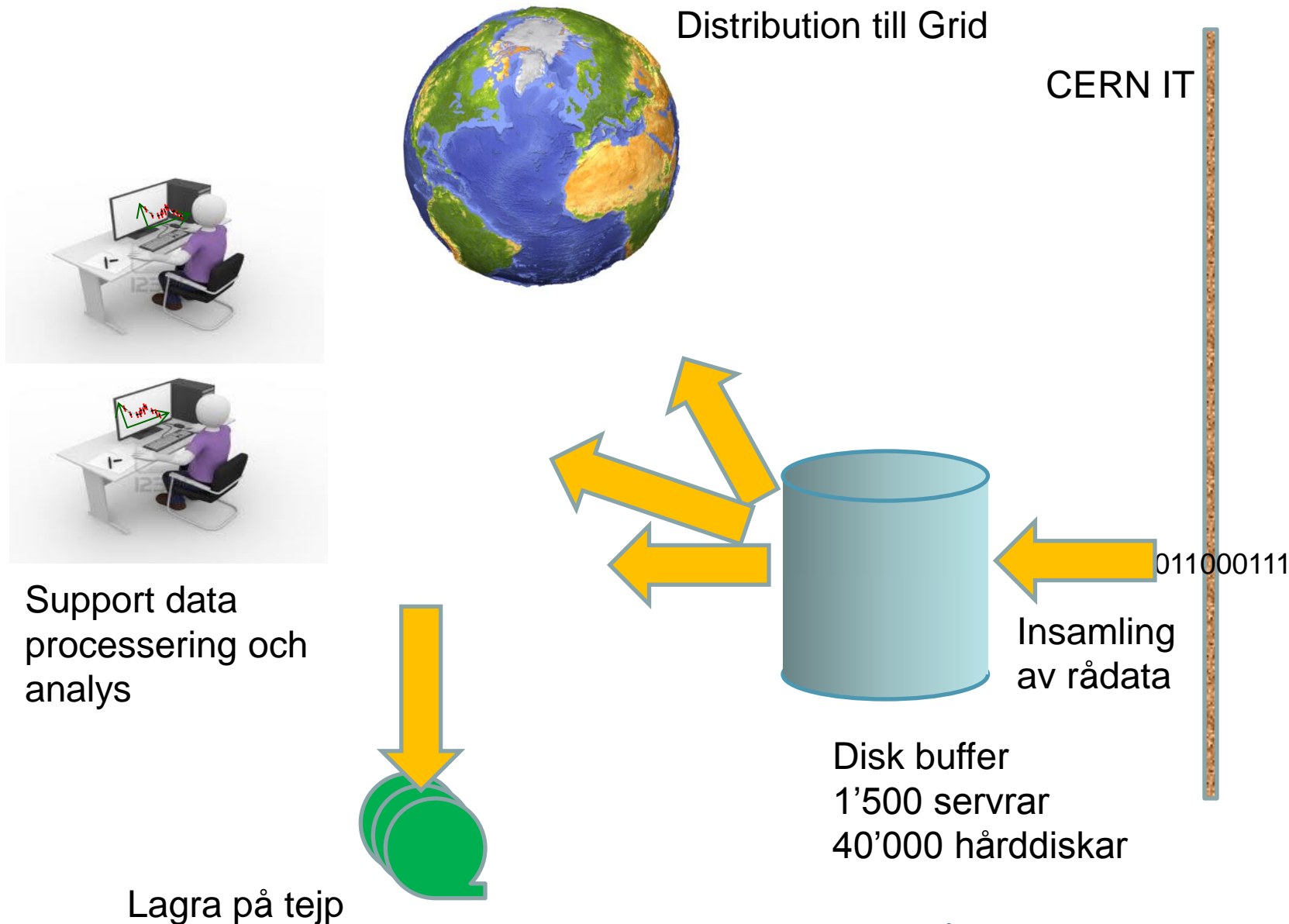


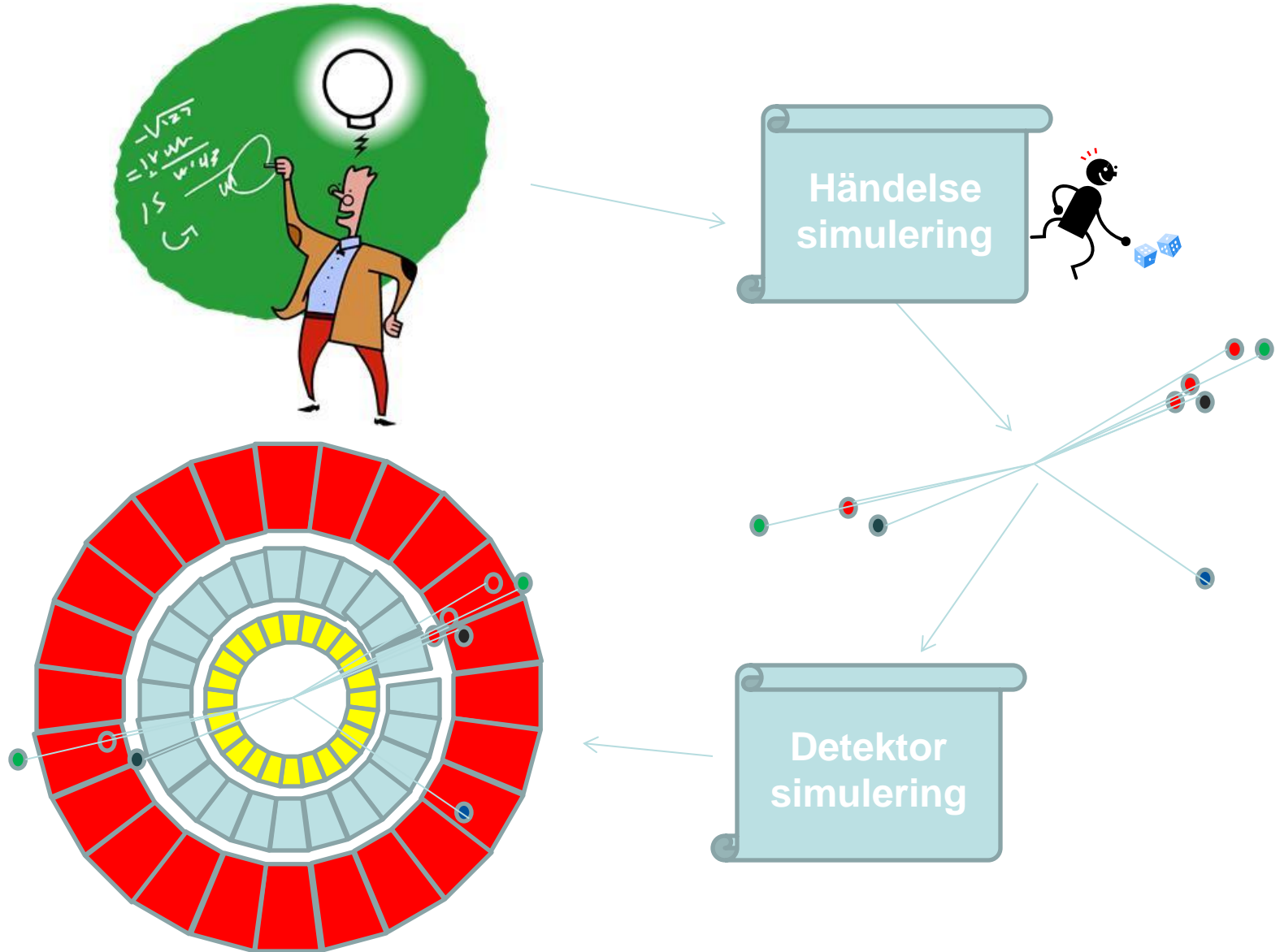
# CERNs datorcenter

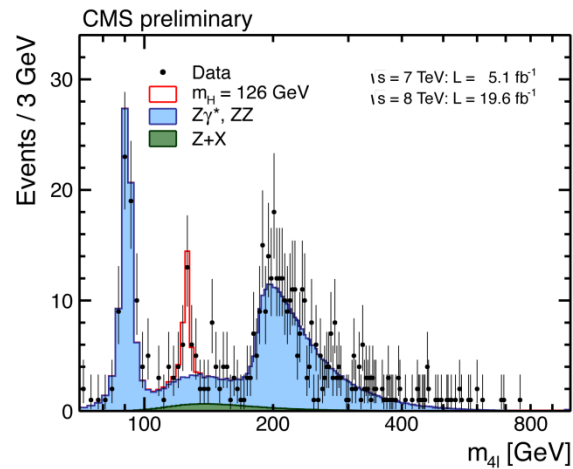
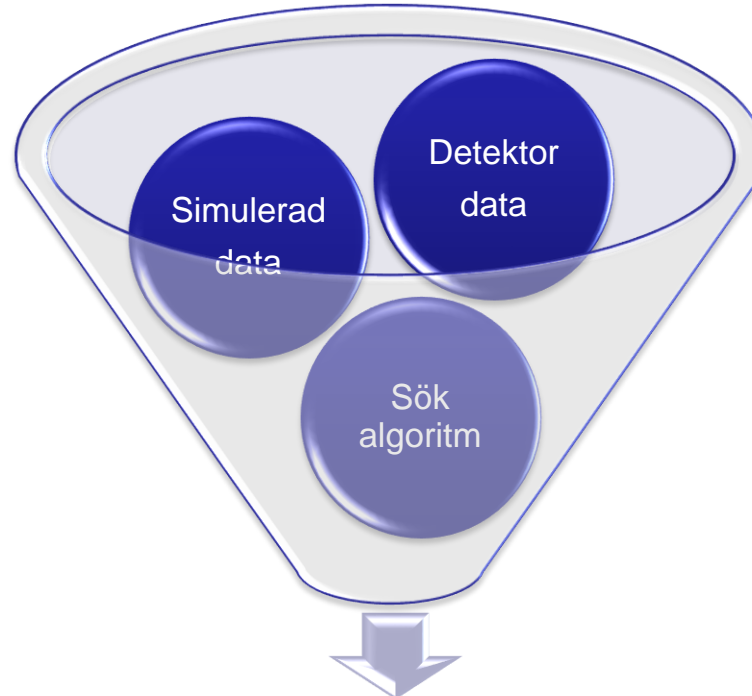
## Från partiklar till bitar





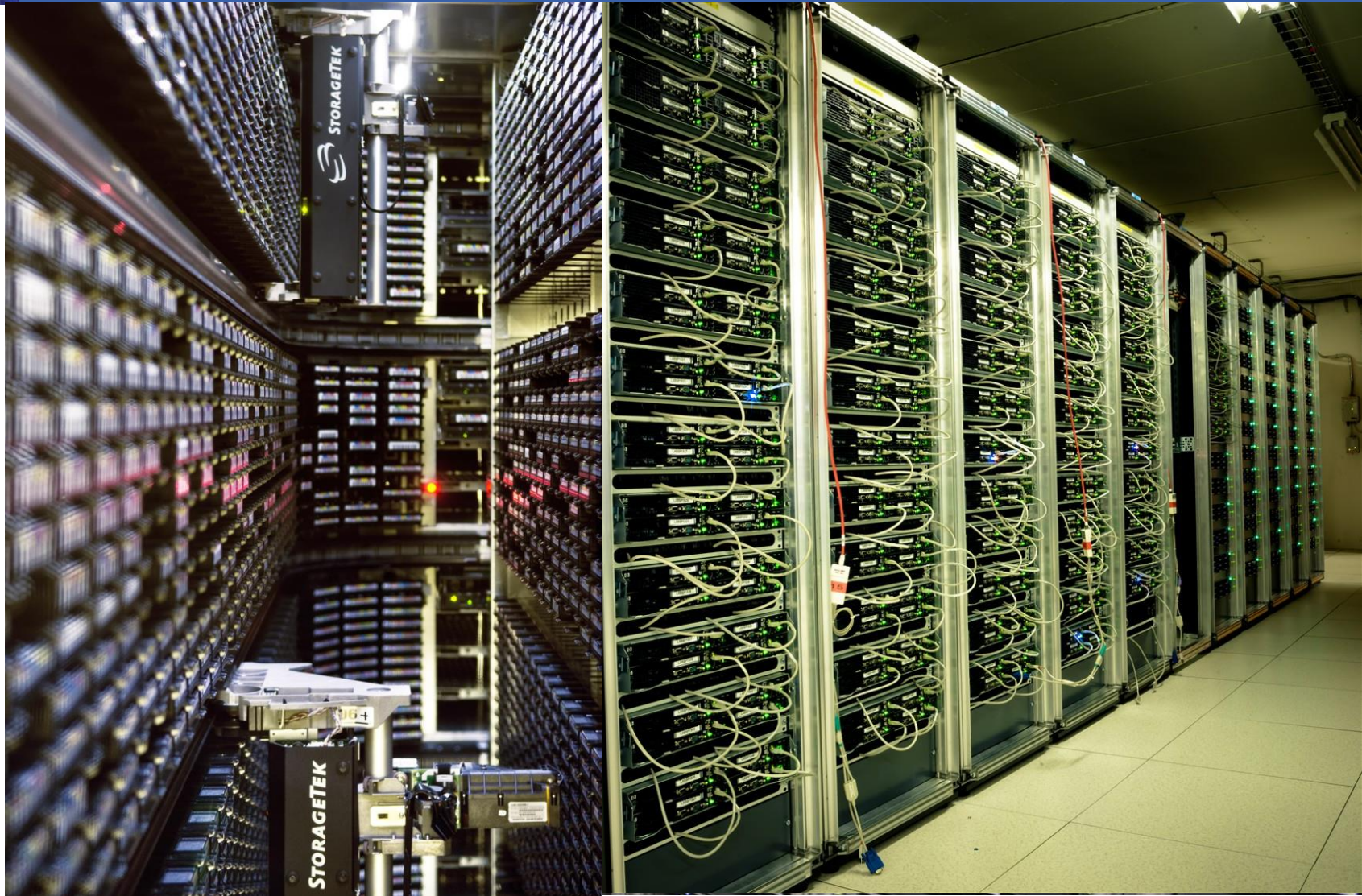
# Monte-Carlo Simulering





Typ	antal
Datorer	10,173
Processorer (CPU)	17,422
Kärnor (cores)	89,704
Antal hårddiskar	79,208
Rå hårddisk utrymme	123,969,000 GB (123PB)
Antal magnetiska band	52'000
Använd band kapacitet	100,000,000 GB (100PB)
Tillgänglig elkraft	3.5MW
Aktuel elkraft förbrukning	~2.6MW

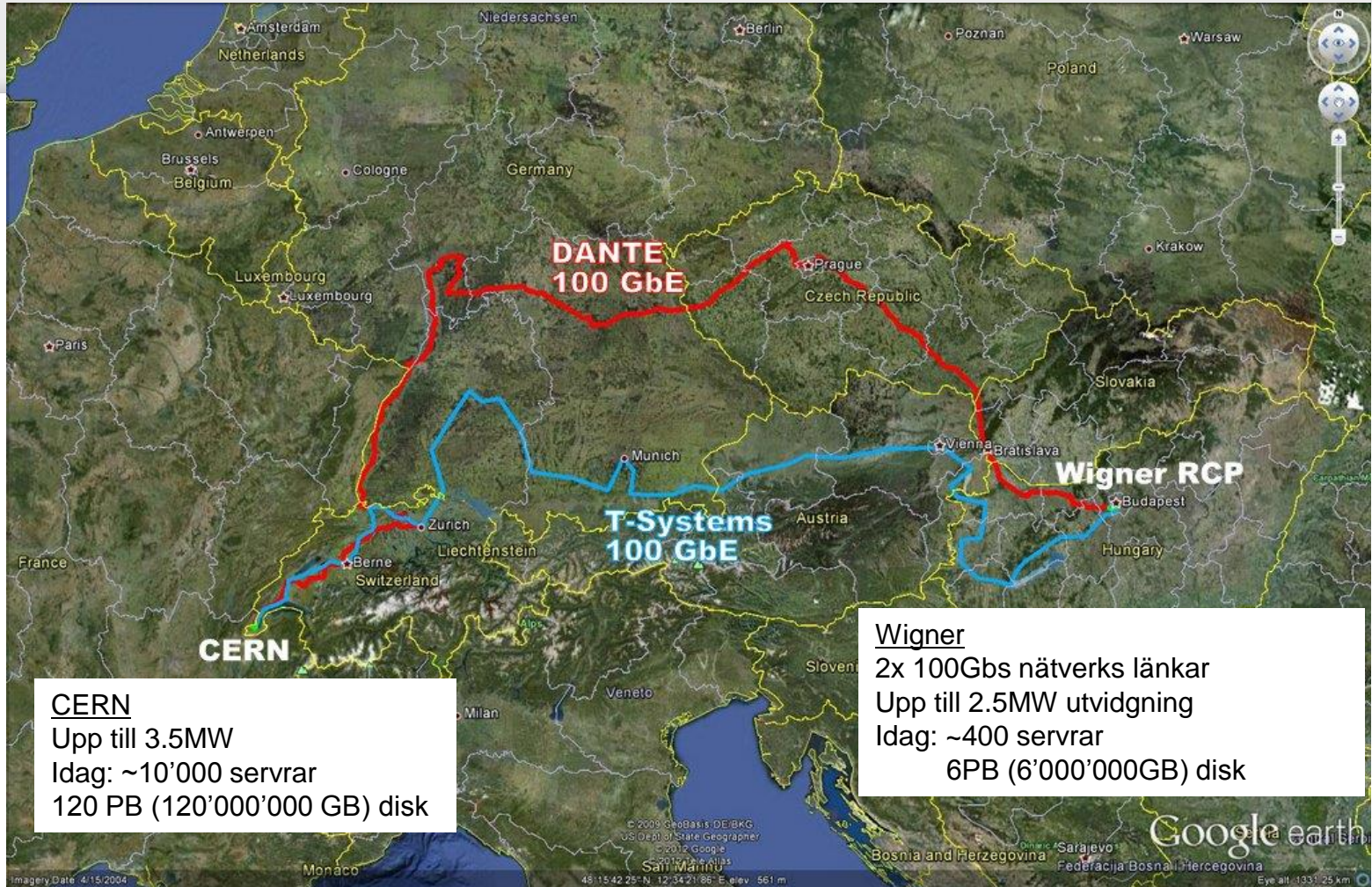
# CERN data center



# Utvidgning till Ungern

CERN Accelerating science

Sign in Directory



**CERN**  
Upp till 3.5MW  
Idag: ~10'000 servrar  
120 PB (120'000'000 GB) disk

**Wigner**  
2x 100Gbs nätverks länkar  
Upp till 2.5MW utvidgning  
Idag: ~400 servrar  
6PB (6'000'000GB) disk

The CERN Tier-0 data centre extension in Budapest adds up to 2.5 MW capacity to the 3.5 MW IT load of the Geneva data centre, which has already reached its capacity limit. The contract with Wigner started in January 2013 and can carry on for up to seven years. The

LHCf@  
MoEDAL  
TOTEM

# Wigner data center

