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Welcome to Aachen

TPC Jamboree

Aachen, 14-16 March 2007

Aachen – The historic town



Roman thermes (hot springs)

Carlemagnes „New Rome“

Cathedral from 8th century

Crowning place of German kings

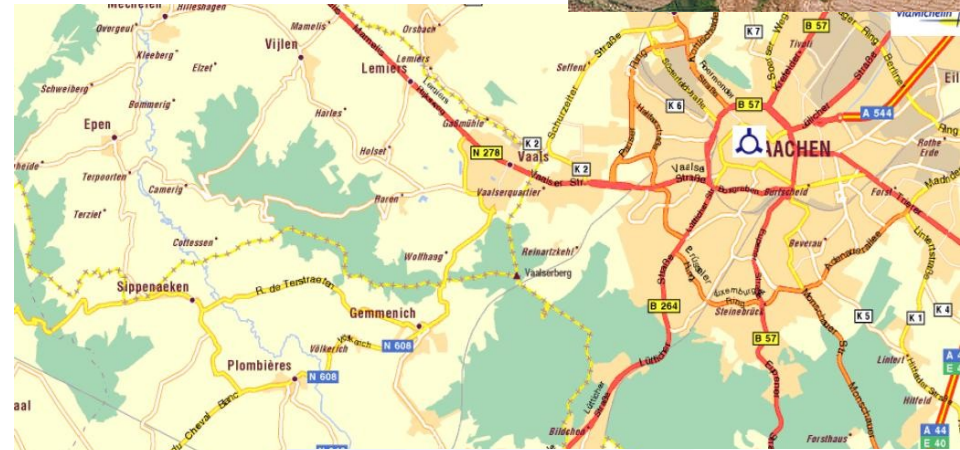


Aachen – The European town

Aachen, Aix-la-Chapelle, Aken, Aquisgran

Border triangle Belgium-Netherlands-Germany

Award for European Unity - Karlspreis



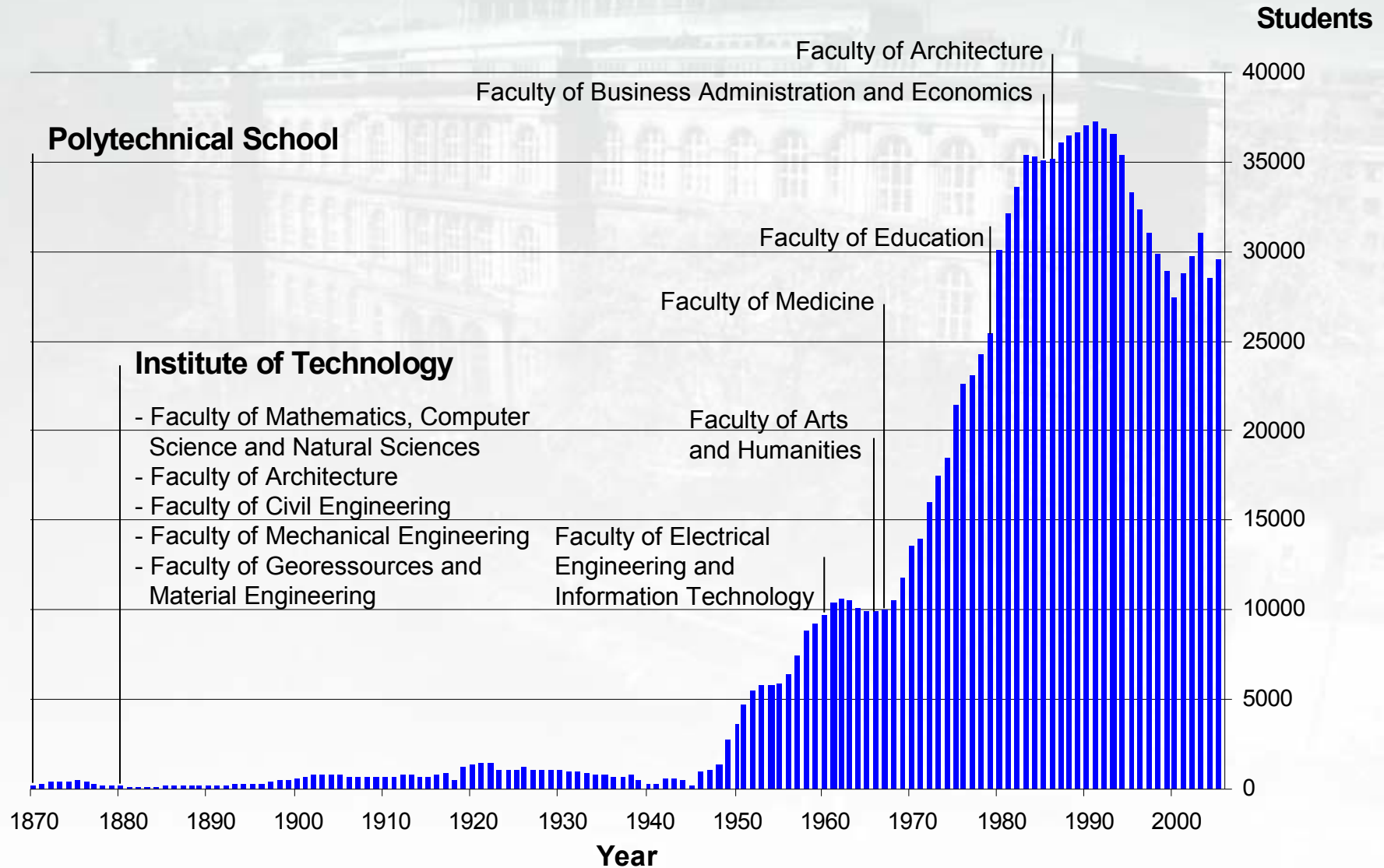
Typical Aachen ...





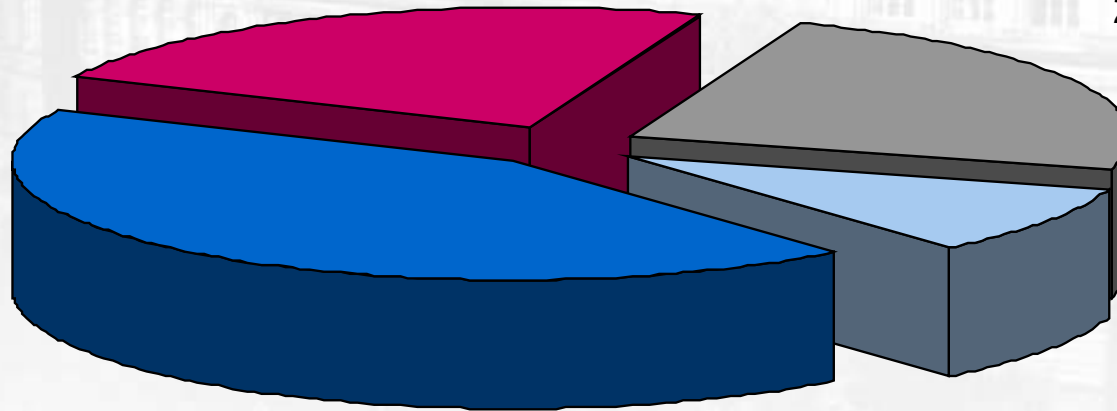
MAIN BUILDING

RWTHAACHEN
UNIVERSITY



Natural Sciences
24 %

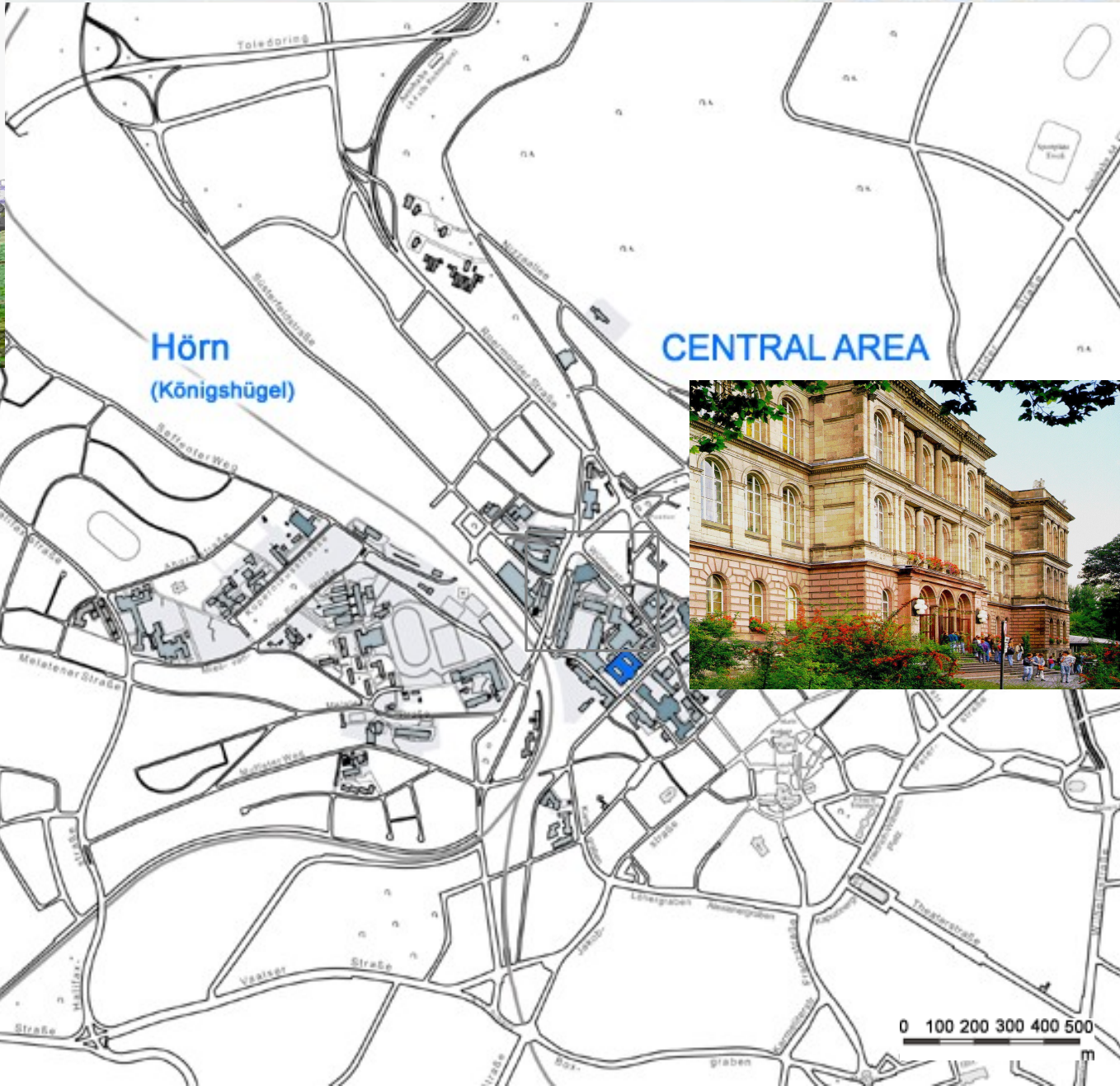
**Humanities, Social
Sciences and Economics**
23 %



Engineering
44 %

Medicine
9 %

total: 29,600



Physics in Aachen

Main focus is on

- Solid state physics
- Particle physics

3 institutes for experimental physics

1 institute for theory

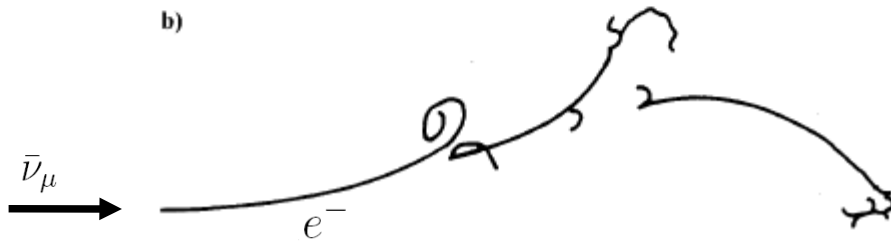
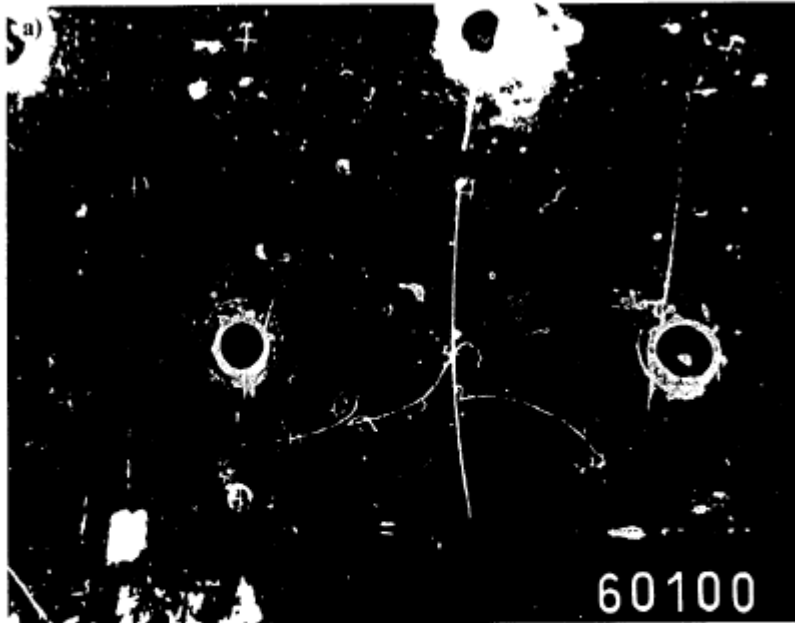
34 professors

1000 students

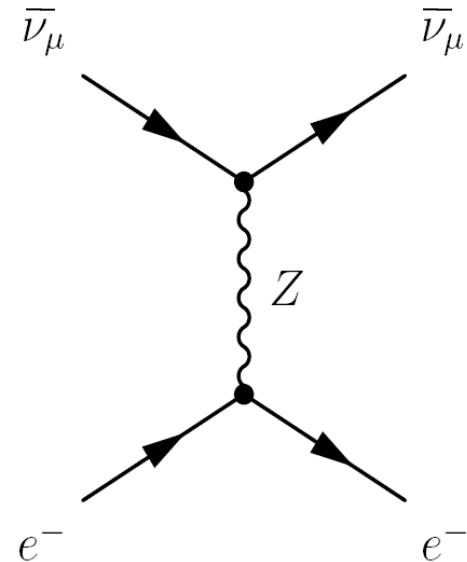


Discovery of Neutral Current – the Aachen Event

found 1973 in Aachen on a film from Gargamelle bubble chamber



$$\bar{\nu}_\mu e^- \rightarrow \bar{\nu}_\mu e^-$$



Particle Physics today

D0, CMS, AMS, Auger, Icecube, DoubleChooz, T2K

Detector development, Data analysis, GRID computing

