

Bright light for bright ideas

Photon science @ DESY

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2200 employees
(650 scientists)
also working in high
energy physics,
accelerator design,
research and
development

~2700 user in 2012
(DORIS, FLASH &
PETRA III)

>2000 user in 2013
(PETRA III only)

Impressions on PETRA III

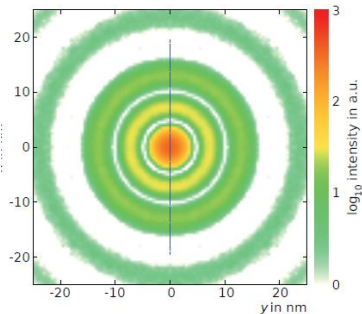
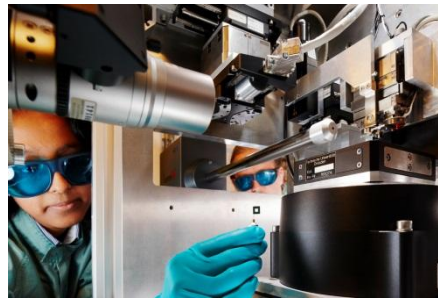
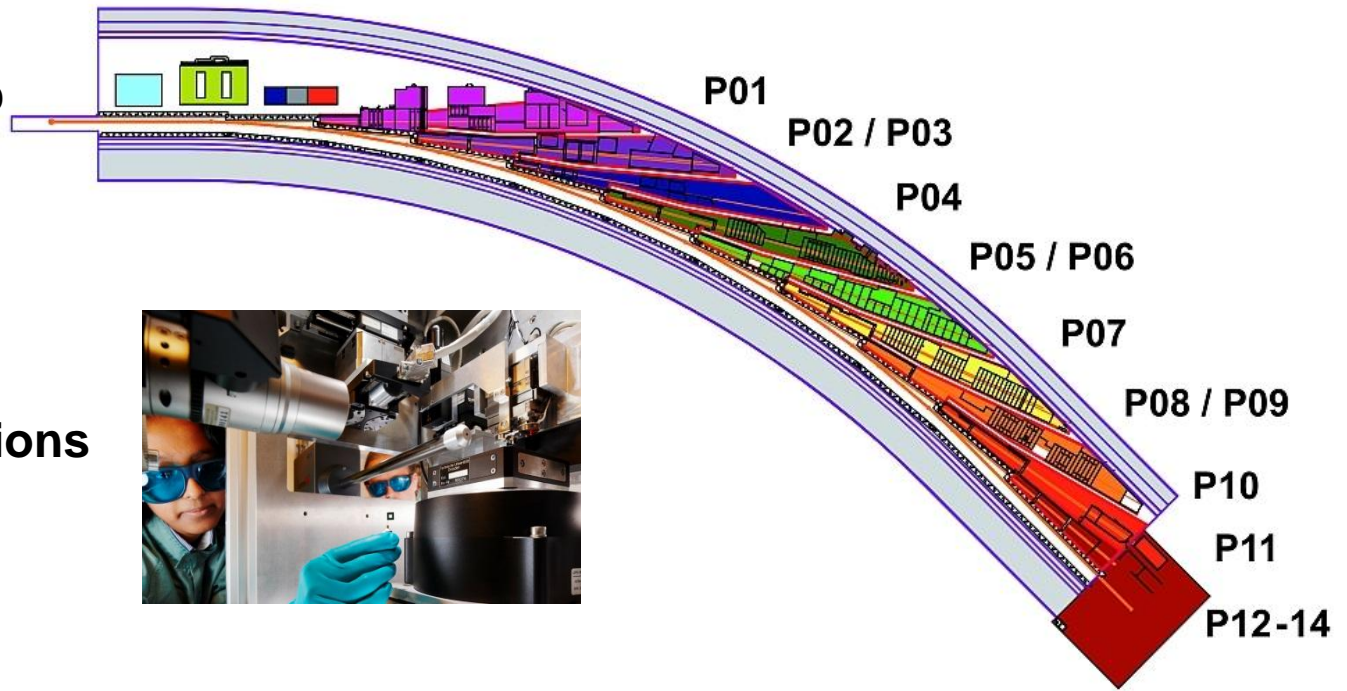
6 GeV, 100 mA, top up

1 nmrad

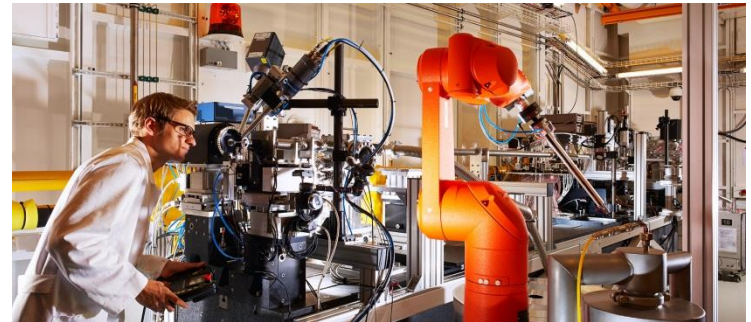
14 beam lines

~30 experimental stations

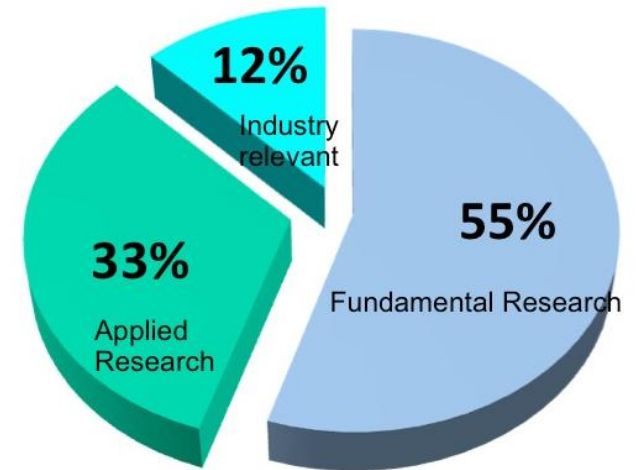
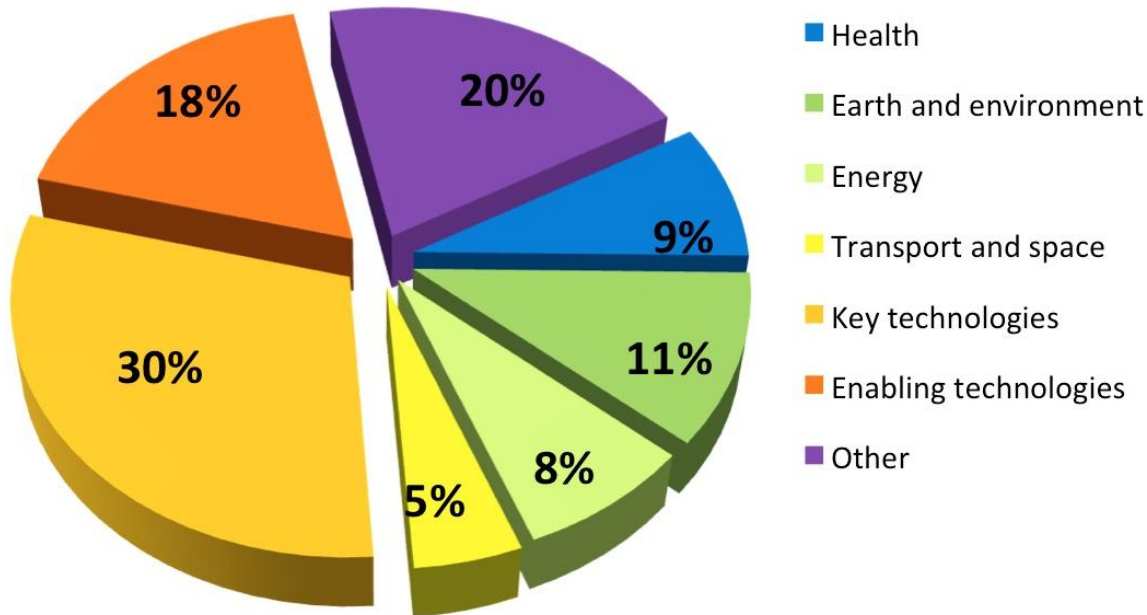
Auxiliary laboratories
and equipment



5 nm focus



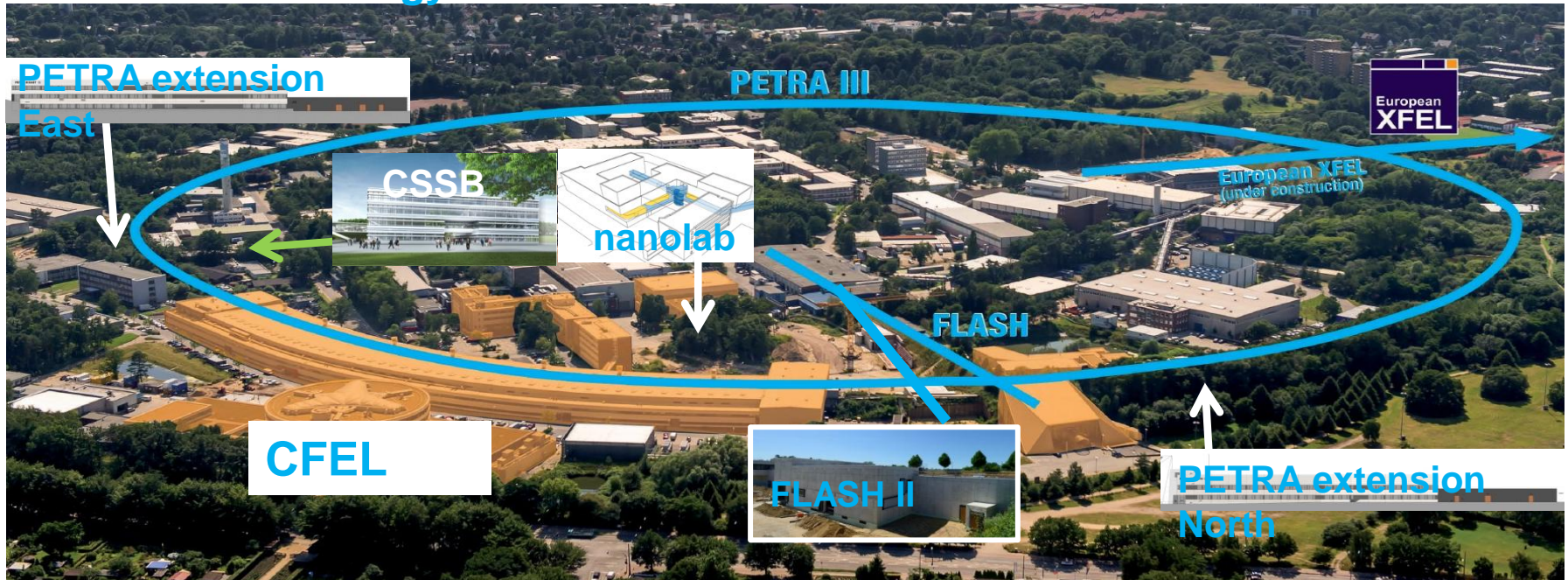
Fields of research



2 measurements @ DORIS III
8 measurements @PETRA III
3 further measurements scheduled for early 2014

The future with synchrotron radiation and beyond

EMBL and CSSB:
structural biology



University of Hamburg:
experimental physics,
laser Institute, theoretical physics

HZG:
materials
science