DOOR

DESY **O**nline **O**ffice for **R**esearch
with Photons

Future Plans

Jan-Peter Kurz, DESY (HASYLAB)
Ulrike Lindemann, DESY (IT)

DOOR

Administrative Concept: Wolfgang Drube, Wiebke Laasch ⎫
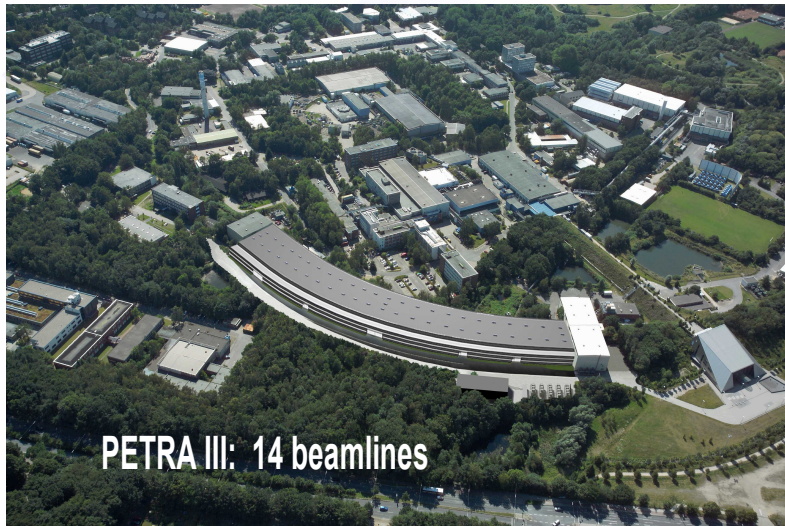
Development, System etc: Jan-Peter Kurz, Ulrike Lindemann ⎬ < 2 FTE

Denis Thiessen, Frank Schlünzen ⎭

Photon Sources at DESY

- Different Photon Sources at DESY/HASYLAB

  - Synchrotron Radiation Sources: DORIS III,
    PETRA III (from 2009)

  - Free-Electron Laser Source (FEL): FLASH

PETRA III: 14 beamlines

FLASH
Operation of 1 beamline
5 beamlines available

DORIS III
Parallel operation of
33 beamlines

Requirements

- FEL and SR sources differ in operation modes

  - SR: routine user operation

  - FEL: more flexibility for user operation needed

$\Rightarrow$ significant differences, e.g. scheduling

- To simplify the whole process the beamtime is allocated in two steps

  - Proposal Submission

  - Beamtime Application

    - Declaration (close to beamtime)

    - Registration of Participants for Safety Instructions

Example of new feature

- **Substance Database**
  - started from scratch
  - each user declares his substances
  - Safety Manager verifies the details
  - next user can use these substances

  - 2100 substances until now

Add substance

Substance properties	
Substance name (english)	
Substance name (german)	
Chemical symbol/formula	
CAS No.	- -
State of aggregation	- Select one -
Radioactive	☐
Explosive	☐
Flammable	☐
Toxic	☐
Very toxic	☐
Corrosive	☐
Carcinogenic	☐
Infectious	☐
Harmful	☐
Irritant	☐
Pollutant	☐
Reactive	☐
Oxidizing	☐
Harmless	☐

Main   Add substance   Cancel

Integration

HASYLAB is part of DESY, so DOOR acts as an interface to other DESY systems

- pubdb (publication database of the library) of DESY for publications of users and staff

- DORIS Infoscreen (Infoterminals in the experimental halls)

- DESY-Hostel

- UserOffice (keys, absences, On-site Staff)

- Support-E-mails (door@desy.de) are handled in a queue of the DESY-Request Tracker

Future Plans I

- „HASYLAB annual report" in a new format ~Dec 2008
  - Users should submit their experimental reports to the „HASYLAB annual report" now via DOOR
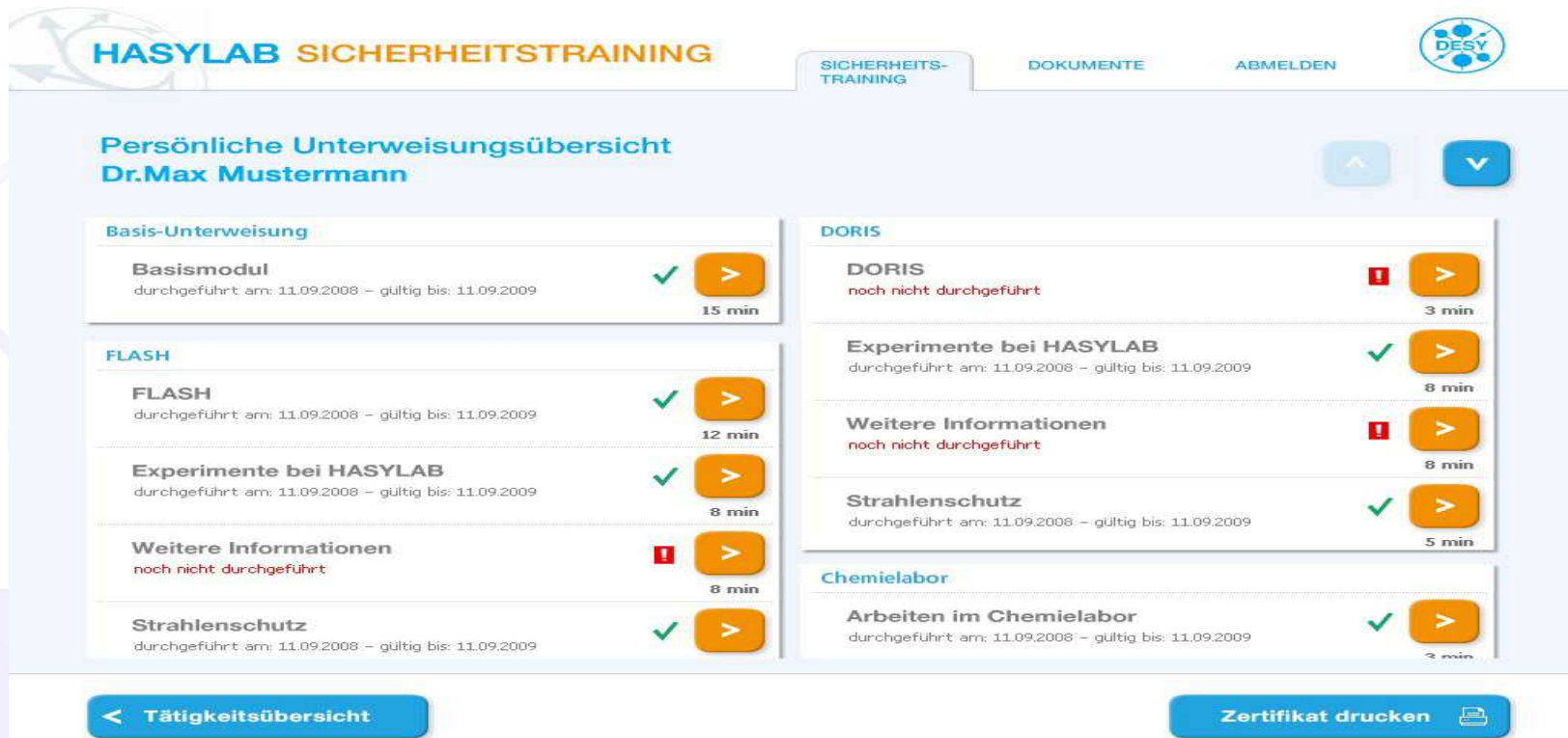
Future Plans II

- DACHS (DESY Access Handling System) ~2008/09

  - Access to Accelerators, Chem. Labs etc.

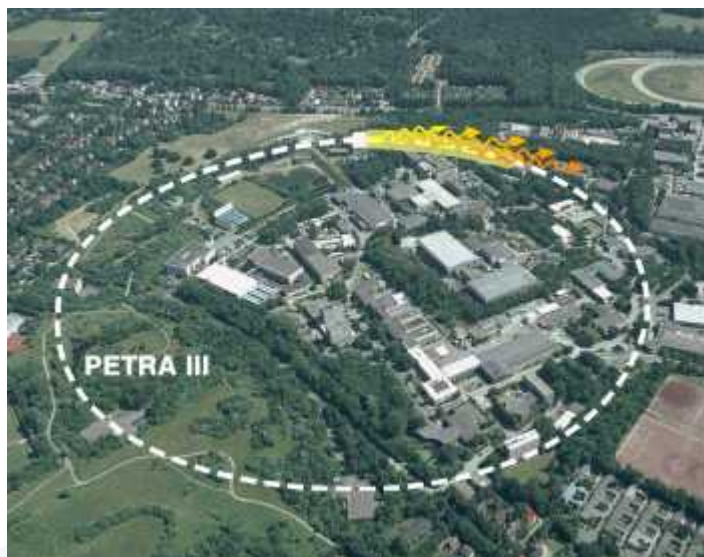- ASIP (ArbeitsSicherheitsPortal, online safety training) ~2008/09

Future Plans III

PETRA III
User Operation
Start 2009

- Proposal workflow will be handled by DOOR

- Integration of a third photon source

- Synchronisation of the user data with

  - PIP (PersonenInformationsPool, DESY database of persons)

  - ⇒ to generate computer accounts for PETRA III users