

DOOR

DESY Online Office for Research with Photons

Future Plans

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DOOR



Administrative Concept:

Development, System etc:

Wolfgang Drube, Wiebke Laasch

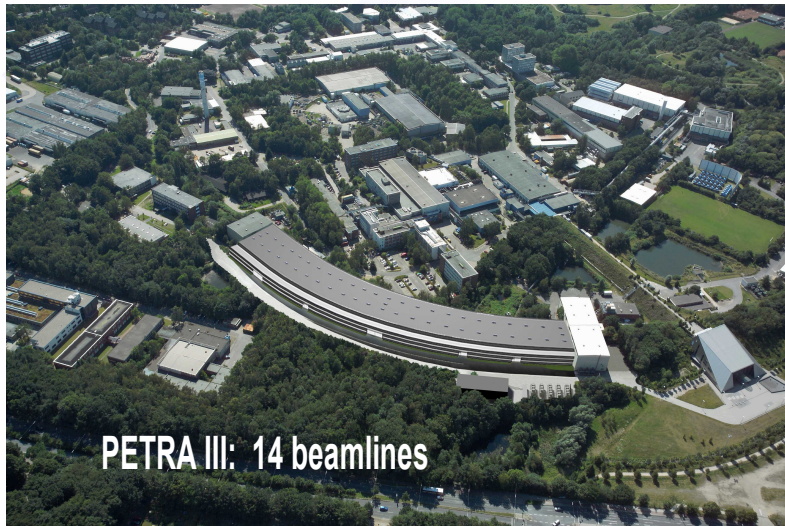
Jan-Peter Kurz, Ulrike Lindemann

Denis Thiessen, Frank Schlünzen

< 2 FTE

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



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
- ⇒ 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)	<input style="width: 90%;" type="text"/>
Substance name (german)	<input style="width: 90%;" type="text"/>
Chemical symbol/formula	<input style="width: 90%;" type="text"/>
CAS No.	<input style="width: 20%;" type="text"/> - <input style="width: 20%;" type="text"/> - <input style="width: 20%;" type="text"/>
State of aggregation	- Select one - ▼
Radioactive	<input type="checkbox"/>
Explosive	<input type="checkbox"/>
Flammable	<input type="checkbox"/>
Toxic	<input type="checkbox"/>
Very toxic	<input type="checkbox"/>
Corrosive	<input type="checkbox"/>
Carcinogenic	<input type="checkbox"/>
Infectious	<input type="checkbox"/>
Harmful	<input type="checkbox"/>
Irritant	<input type="checkbox"/>
Pollutant	<input type="checkbox"/>
Reactive	<input type="checkbox"/>
Oxidizing	<input type="checkbox"/>
Harmless	<input type="checkbox"/>

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

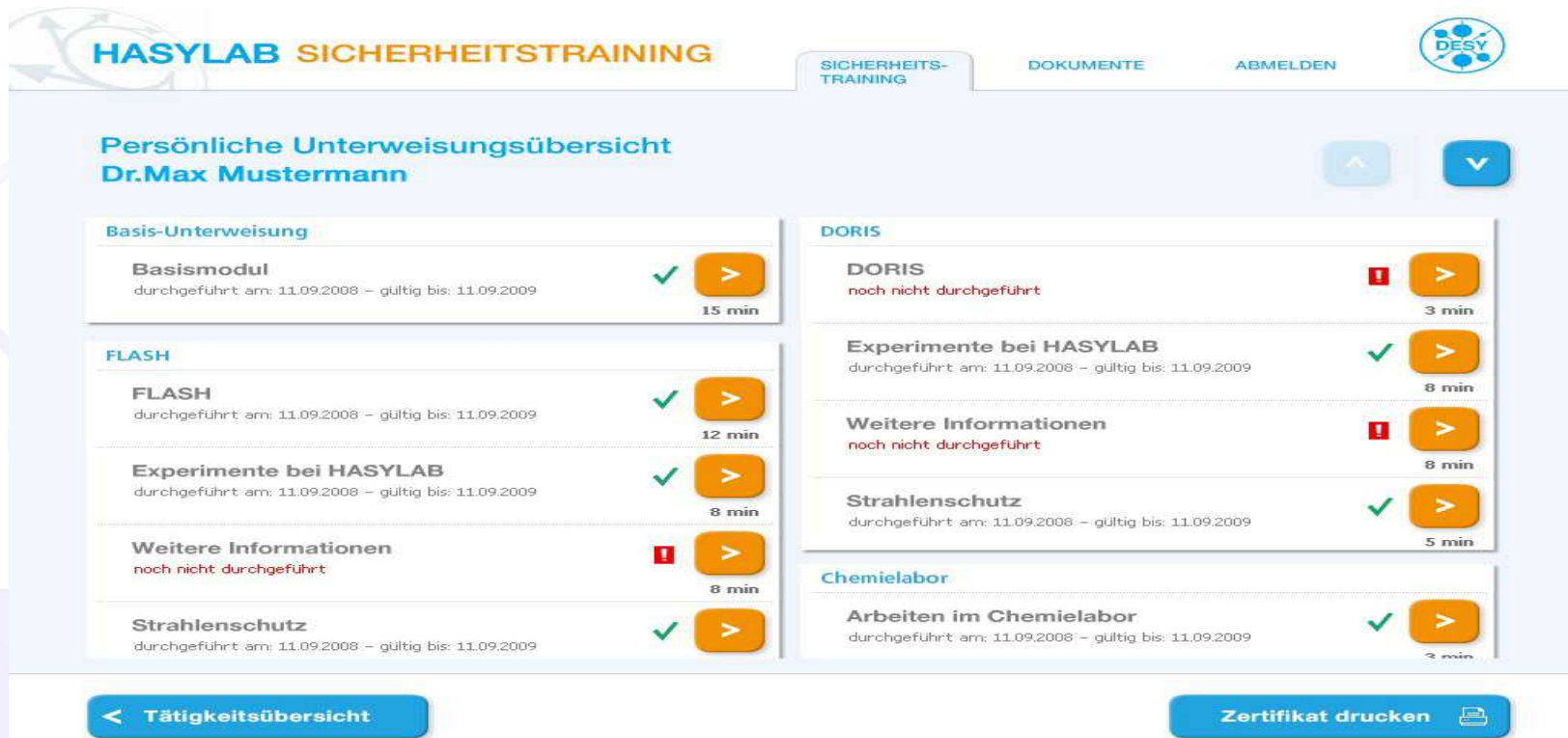
Annual report submission General part	
Step 1: General part	Step 2: Attach report file (pdf)

General information	
Proposal (*)	<input type="text"/> [Select] [Remove]
Report title (*)	<input type="text"/>
Classification (*)	- Select one - <input type="button" value="v"/>
Report comment	<input type="text"/>

Authors			
Firstname (*)	<input type="text"/>	Lastname (*)	<input type="text"/>
Status (*)	Mainauthor <input type="button" value="v"/>	[Remove]	

Future Plans II

- DACHS (DESY Access Handling System) ~2008/09
 - Access to Accelerators, Chem. Labs etc.
- ASIP (ArbeitsSicherheitsPortal, online safety training) ~2008/09



HASYLAB SICHERHEITSTRaining

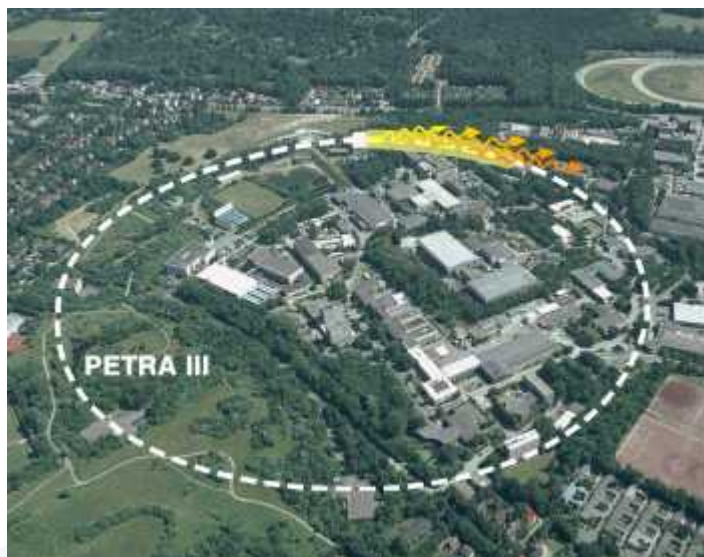
SICHERHEITS-TRAINING | DOKUMENTE | ABMELDEN

Persönliche Unterweisungsübersicht
Dr. Max Mustermann

Modul	Status	Dauer
Basis-Unterweisung		
Basismodul durchgeführt am: 11.09.2008 – gültig bis: 11.09.2009	✓	15 min
FLASH		
FLASH durchgeführt am: 11.09.2008 – gültig bis: 11.09.2009	✓	12 min
Experimente bei HASYLAB durchgeführt am: 11.09.2008 – gültig bis: 11.09.2009	✓	8 min
Weitere Informationen noch nicht durchgeführt	!	8 min
Strahlenschutz durchgeführt am: 11.09.2008 – gültig bis: 11.09.2009	✓	8 min
DORIS		
DORIS noch nicht durchgeführt	!	3 min
Experimente bei HASYLAB durchgeführt am: 11.09.2008 – gültig bis: 11.09.2009	✓	8 min
Weitere Informationen noch nicht durchgeführt	!	8 min
Strahlenschutz durchgeführt am: 11.09.2008 – gültig bis: 11.09.2009	✓	5 min
Chemielabor		
Arbeiten im Chemielabor durchgeführt am: 11.09.2008 – gültig bis: 11.09.2009	✓	3 min

[← Tätigkeitsübersicht](#) | [Zertifikat drucken](#)

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