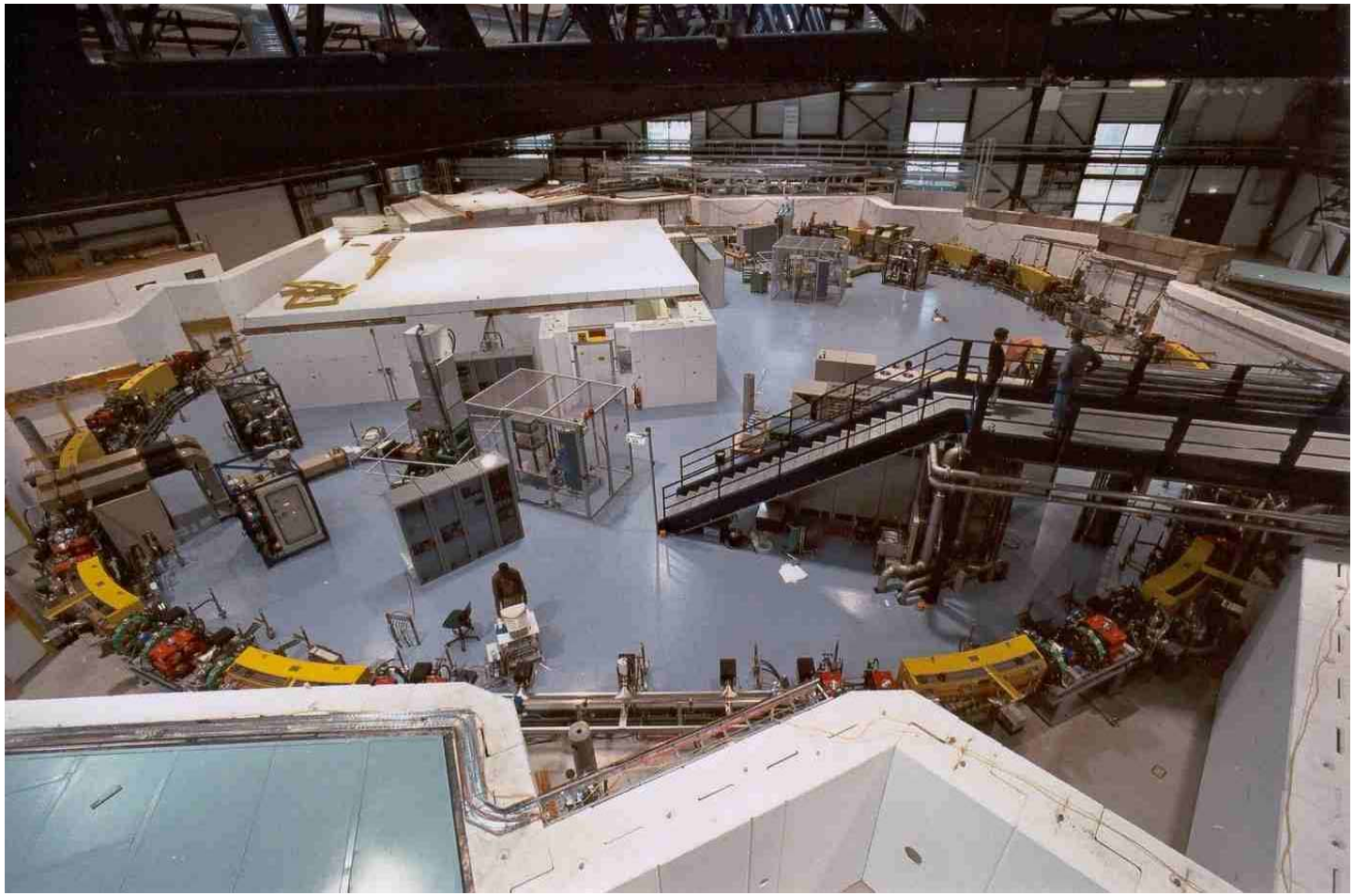
SMIS at ANKA



www.fzk.de/anka

M. Wuensch
M. Vrbanec
W. Mexner

Adoption of SMIS at ANKA in 2004 as a proposal management system

KIT – die Kooperation von
Forschungszentrum Karlsruhe GmbH
und Universität Karlsruhe (TH)

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SMIS at ANKA

Topics

- new functionality
- technical changes
- planned future modifications

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SMIS at ANKA

New functionalities overview

- publication management for users
- integration of machine database
- statistical exports for useroffice
- scheduling of proposals
- beamtime operation table
- upload of experimental description

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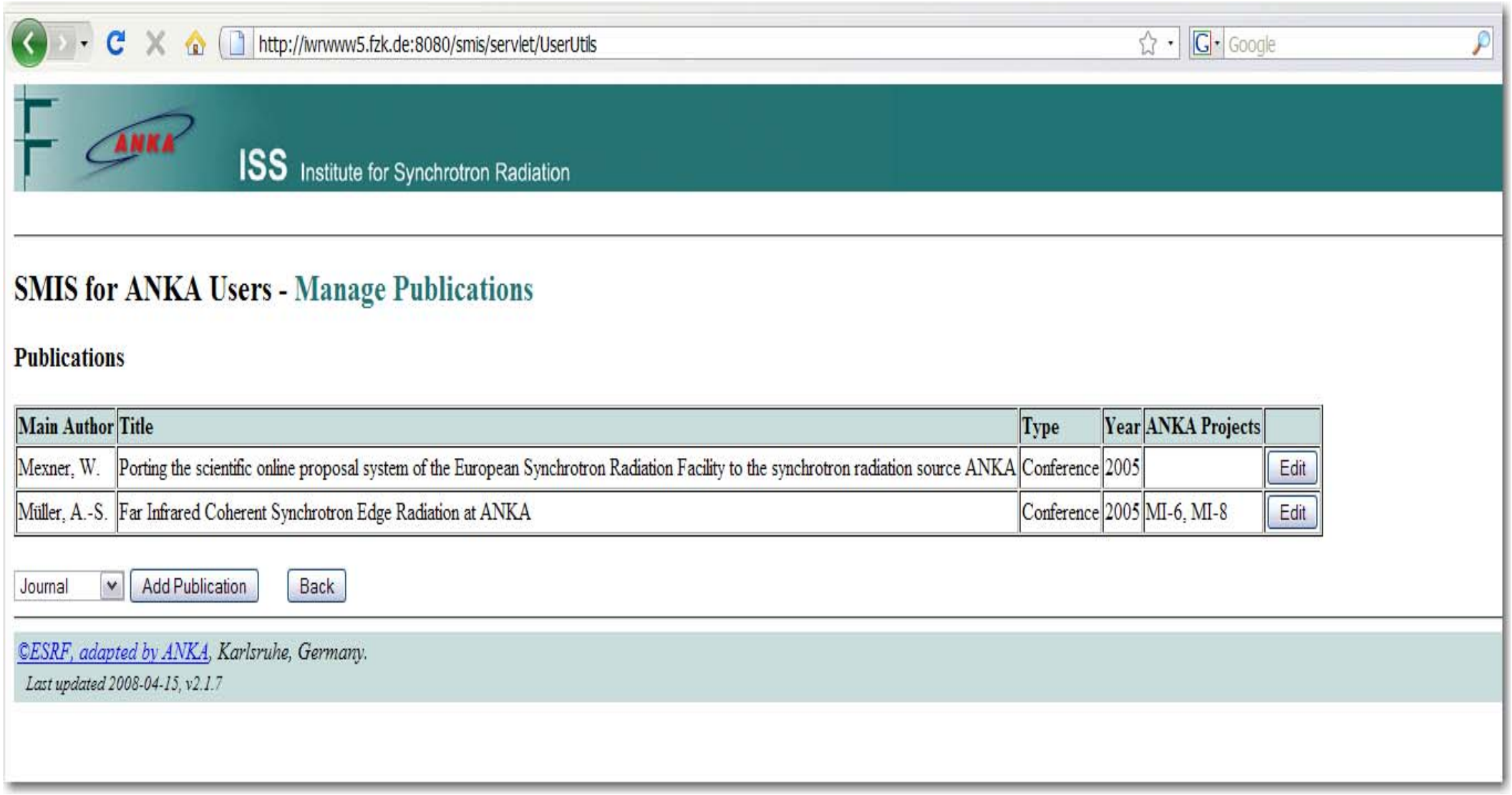
Publication Management



http://iwrwww5.fzk.de:8080/smis/servlet/UserUtils

Google

ANKA ISS Institute for Synchrotron Radiation

SMIS for ANKA Users - Manage Publications

Publications

Main Author	Title	Type	Year	ANKA Projects	
Mexner, W.	Porting the scientific online proposal system of the European Synchrotron Radiation Facility to the synchrotron radiation source ANKA	Conference	2005		Edit
Müller, A.-S.	Far Infrared Coherent Synchrotron Edge Radiation at ANKA	Conference	2005	MI-6, MI-8	Edit

Journal | Add Publication | Back

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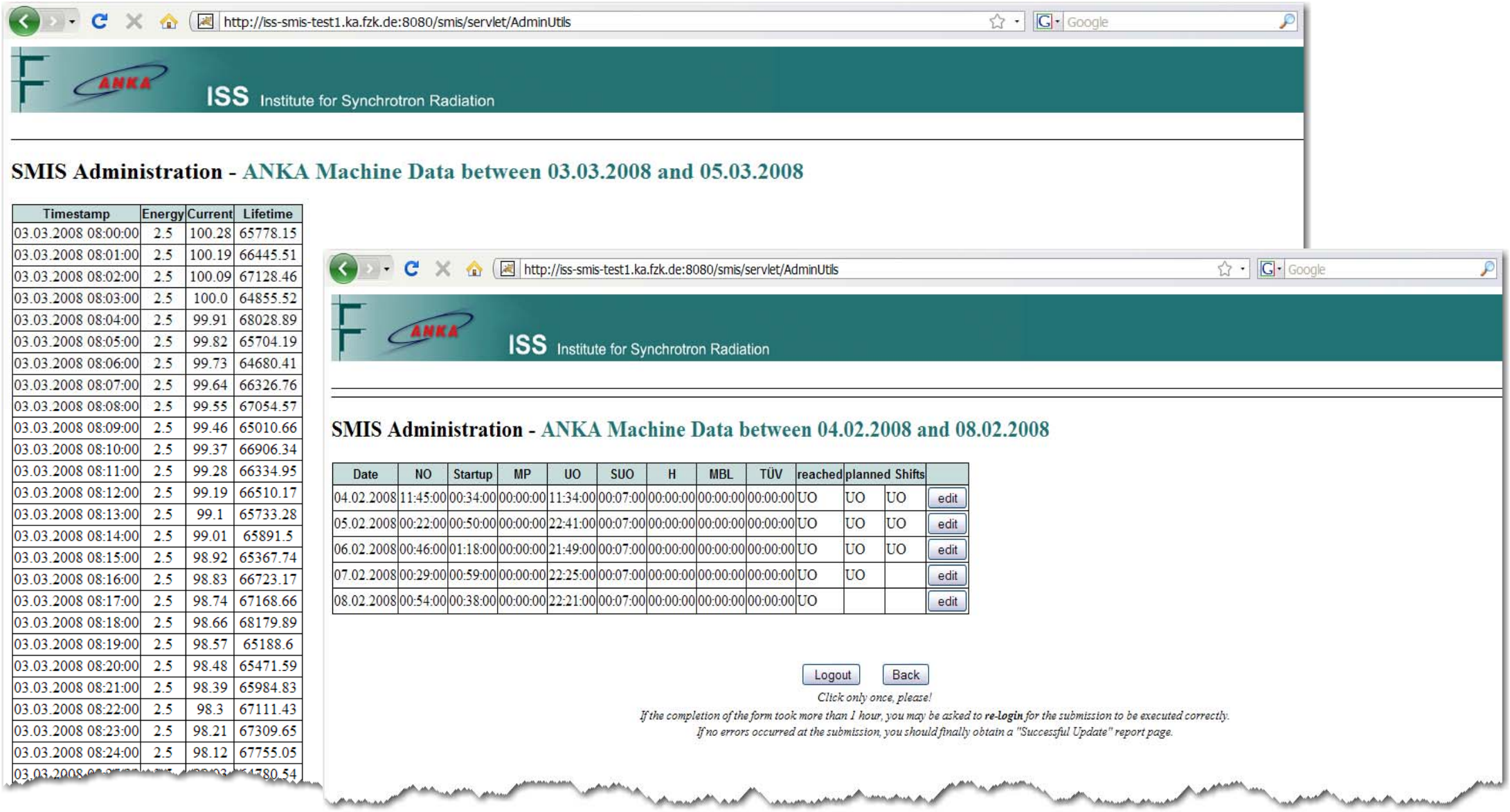
Last updated 2008-04-15, v2.1.7

Machine Database



http://iss-smis-test1.ka.fzk.de:8080/smis/servlet/AdminUtils

ANKA ISS Institute for Synchrotron Radiation

SMIS Administration - ANKA Machine Data between 03.03.2008 and 05.03.2008

Timestamp	Energy	Current	Lifetime
03.03.2008 08:00:00	2.5	100.28	65778.15
03.03.2008 08:01:00	2.5	100.19	66445.51
03.03.2008 08:02:00	2.5	100.09	67128.46
03.03.2008 08:03:00	2.5	100.0	64855.52
03.03.2008 08:04:00	2.5	99.91	68028.89
03.03.2008 08:05:00	2.5	99.82	65704.19
03.03.2008 08:06:00	2.5	99.73	64680.41
03.03.2008 08:07:00	2.5	99.64	66326.76
03.03.2008 08:08:00	2.5	99.55	67054.57
03.03.2008 08:09:00	2.5	99.46	65010.66
03.03.2008 08:10:00	2.5	99.37	66906.34
03.03.2008 08:11:00	2.5	99.28	66334.95
03.03.2008 08:12:00	2.5	99.19	66510.17
03.03.2008 08:13:00	2.5	99.1	65733.28
03.03.2008 08:14:00	2.5	99.01	65891.5
03.03.2008 08:15:00	2.5	98.92	65367.74
03.03.2008 08:16:00	2.5	98.83	66723.17
03.03.2008 08:17:00	2.5	98.74	67168.66
03.03.2008 08:18:00	2.5	98.66	68179.89
03.03.2008 08:19:00	2.5	98.57	65188.6
03.03.2008 08:20:00	2.5	98.48	65471.59
03.03.2008 08:21:00	2.5	98.39	65984.83
03.03.2008 08:22:00	2.5	98.3	67111.43
03.03.2008 08:23:00	2.5	98.21	67309.65
03.03.2008 08:24:00	2.5	98.12	67755.05
03.03.2008			64780.54

http://iss-smis-test1.ka.fzk.de:8080/smis/servlet/AdminUtils

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SMIS Administration - ANKA Machine Data between 04.02.2008 and 08.02.2008

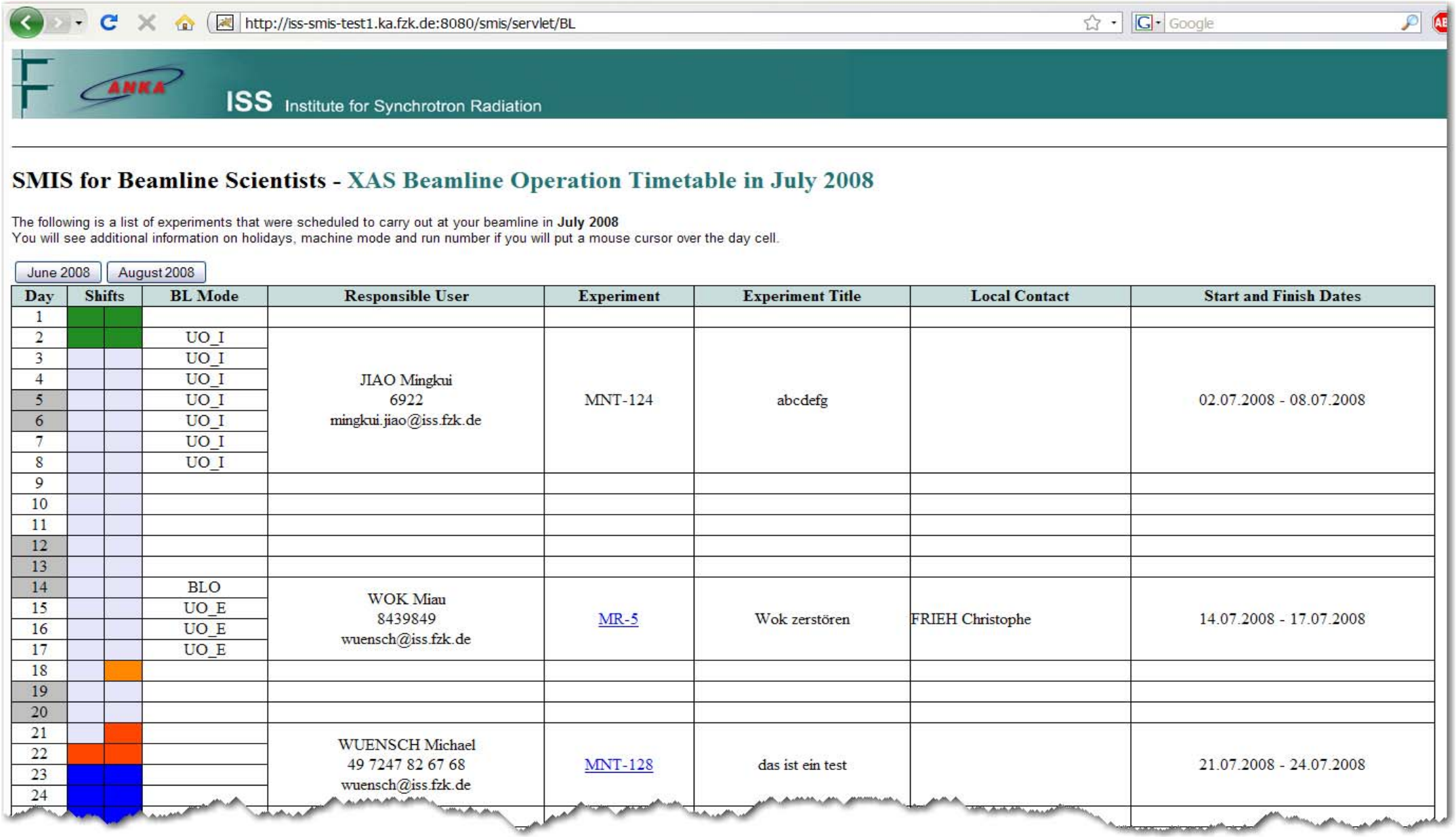
Date	NO	Startup	MP	UO	SUO	H	MBL	TÜV	reached	planned	Shifts	
04.02.2008	11:45:00	00:34:00	00:00:00	11:34:00	00:07:00	00:00:00	00:00:00	00:00:00	UO	UO	UO	edit
05.02.2008	00:22:00	00:50:00	00:00:00	22:41:00	00:07:00	00:00:00	00:00:00	00:00:00	UO	UO	UO	edit
06.02.2008	00:46:00	01:18:00	00:00:00	21:49:00	00:07:00	00:00:00	00:00:00	00:00:00	UO	UO	UO	edit
07.02.2008	00:29:00	00:59:00	00:00:00	22:25:00	00:07:00	00:00:00	00:00:00	00:00:00	UO	UO		edit
08.02.2008	00:54:00	00:38:00	00:00:00	22:21:00	00:07:00	00:00:00	00:00:00	00:00:00	UO			edit

Logout Back

Click only once, please!

If the completion of the form took more than 1 hour, you may be asked to ***re-login*** *for the submission to be executed correctly.*
If no errors occurred at the submission, you should finally obtain a "Successful Update" report page.

Beamline Operation Table



http://iss-smis-test1.ka.fzk.de:8080/smis/servlet/BL

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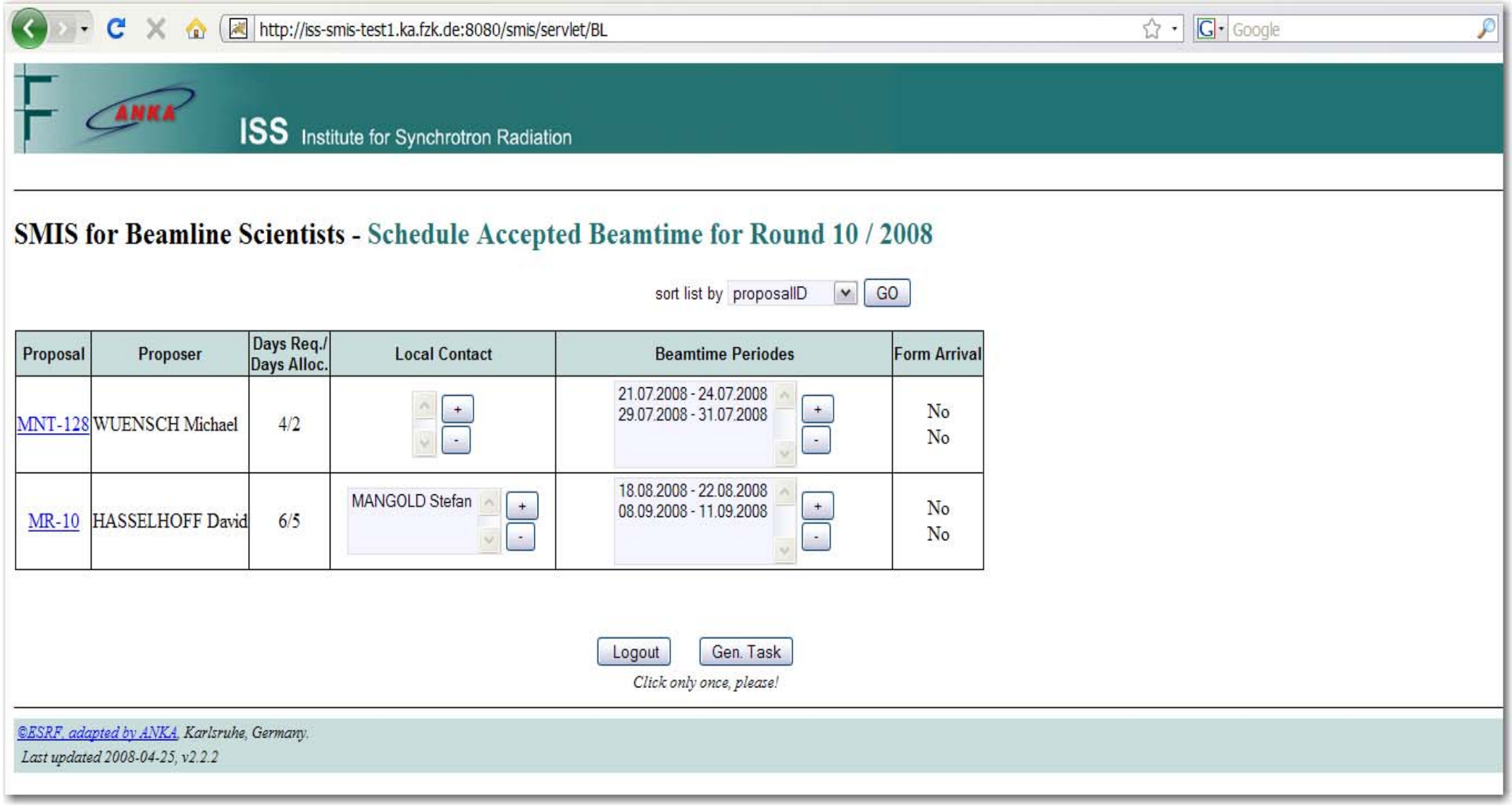
SMIS for Beamline Scientists - XAS Beamline Operation Timetable in July 2008

The following is a list of experiments that were scheduled to carry out at your beamline in **July 2008**
You will see additional information on holidays, machine mode and run number if you will put a mouse cursor over the day cell.

June 2008 | August 2008

Day	Shifts	BL Mode	Responsible User	Experiment	Experiment Title	Local Contact	Start and Finish Dates
1							
2		UO_I	JIAO Mingkui 6922 mingkui.jiao@iss.fzk.de	MNT-124	abcdefg		02.07.2008 - 08.07.2008
3		UO_I					
4		UO_I					
5		UO_I					
6		UO_I					
7		UO_I					
8		UO_I					
9							
10							
11							
12							
13							
14		BLO	WOK Miau 8439849 wuensch@iss.fzk.de	MR-5	Wok zerstören	FRIEH Christophe	14.07.2008 - 17.07.2008
15		UO_E					
16		UO_E					
17		UO_E					
18							
19							
20							
21			WUENSCH Michael 49 7247 82 67 68 wuensch@iss.fzk.de	MNT-128	das ist ein test		21.07.2008 - 24.07.2008
22							
23							
24							

Scheduling proposals



SMIS at ANKA

Technical changes

- inclusion of ESPAS functionality
- pure Java:
  - Apache HSSF instead of J++-Excel ActiveX
  - iText and PDF-forms instead of VB-ComWrapper
- new database persistence (Spring JDBC)
- drastic refactoring and JUnit tests
- issue tracking and continuous integration

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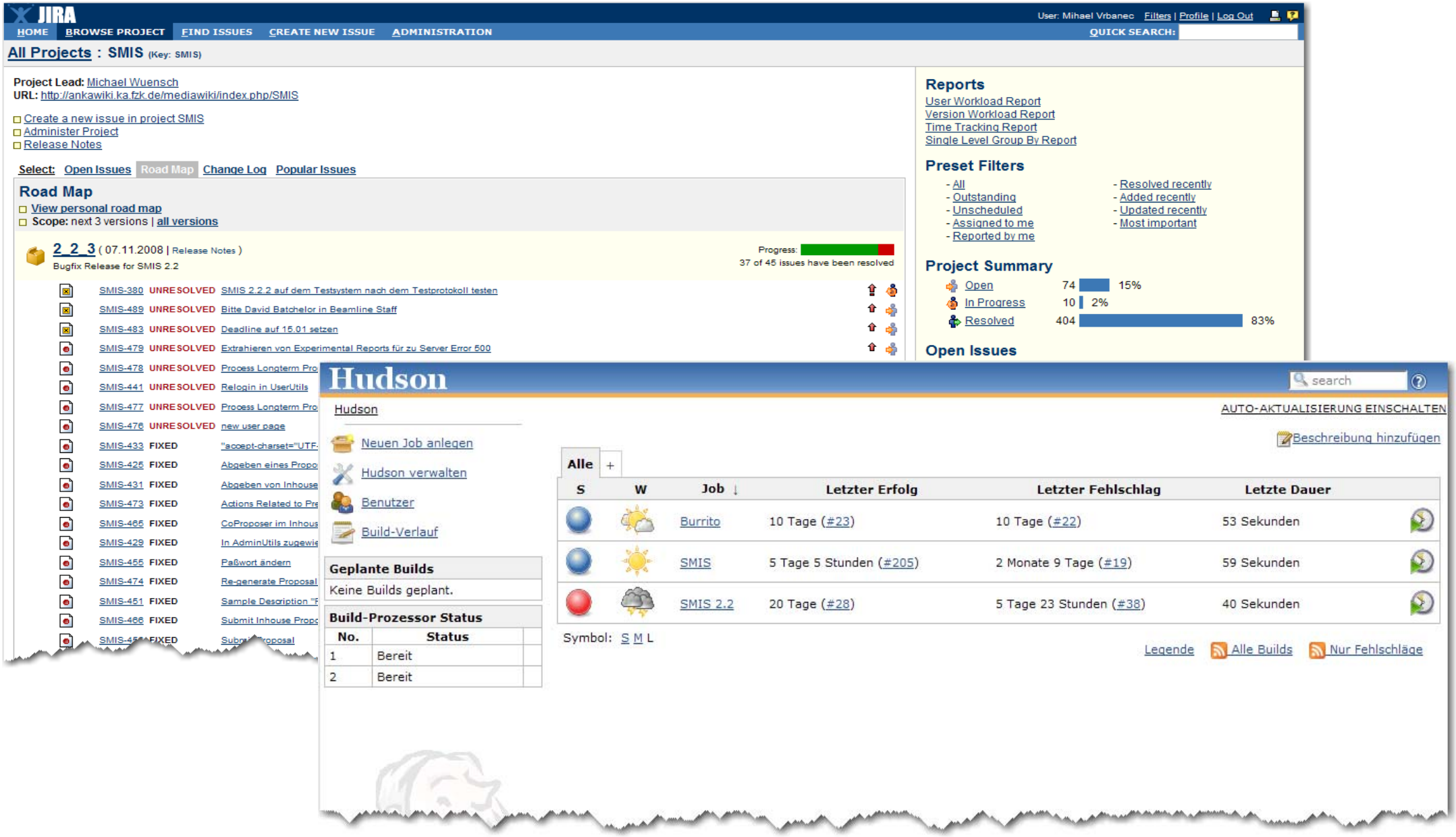
JIRA & Hudson


JIRA
HOME BROWSE PROJECT FIND ISSUES CREATE NEW ISSUE ADMINISTRATION
User: Mihael Vrbanec Filters | Profile | Log Out
QUICK SEARCH:
All Projects : SMIS (Key: SMIS)
Project Lead: Michael Wuensch
URL: http://ankawiki.ka.fzk.de/mediawiki/index.php/SMIS
Create a new issue in project SMIS
Administer Project
Release Notes
Select: Open Issues Road Map Change Log Popular Issues
Road Map
View personal road map
Scope: next 3 versions | all versions
2_2_3 (07.11.2008 | Release Notes)
Bugfix Release for SMIS 2.2
Progress:
37 of 45 issues have been resolved
SMIS-380 UNRESOLVED SMIS 2.2.2 auf dem Testsystem nach dem Testprotokoll testen
SMIS-489 UNRESOLVED Bitte David Batchelor in Beamline Staff
SMIS-483 UNRESOLVED Deadline auf 15.01 setzen
SMIS-479 UNRESOLVED Extrahieren von Experimental Reports für zu Server Error 500
SMIS-478 UNRESOLVED Process Longterm Pro
SMIS-441 UNRESOLVED Relogin in UserUtils
SMIS-477 UNRESOLVED Process Longterm Pro
SMIS-476 UNRESOLVED new user page
SMIS-433 FIXED "accept-charset="UTF-
SMIS-425 FIXED Abgeben eines Propo
SMIS-431 FIXED Abgeben von Inhouse
SMIS-473 FIXED Actions Related to Pre
SMIS-465 FIXED CoProposer im Inhous
SMIS-429 FIXED In AdminUtils zugewis
SMIS-455 FIXED Paßwort ändern
SMIS-474 FIXED Re-generate Proposal
SMIS-451 FIXED Sample Description "F
SMIS-466 FIXED Submit Inhouse Propo
Reports
User Workload Report
Version Workload Report
Time Tracking Report
Single Level Group By Report
Preset Filters
- All
- Outstanding
- Unscheduled
- Assigned to me
- Reported by me
- Resolved recently
- Added recently
- Updated recently
- Most important
Project Summary
Open 74 15%
In Progress 10 2%
Resolved 404 83%
Open Issues
Hudson
search
Hudson
AUTO-AKTUALISIERUNG EINSCHALTEN
Neuen Job anlegen
Hudson verwalten
Benutzer
Build-Verlauf
Beschreibung hinzufügen
Alle +
S W Job Letzter Erfolg Letzter Fehlschlag Letzte Dauer
Burrito 10 Tage (#23) 10 Tage (#22) 53 Sekunden
SMIS 5 Tage 5 Stunden (#205) 2 Monate 9 Tage (#19) 59 Sekunden
SMIS 2.2 20 Tage (#28) 5 Tage 23 Stunden (#38) 40 Sekunden
Symbol: S M L
Legende Alle Builds Nur Fehlschläge
Geplante Builds
Keine Builds geplant.
Build-Prozessor Status
No. Status
1 Bereit
2 Bereit

SMIS at ANKA

Planned future modifications

- usability improvements and change requests
- generic, flexible and central validation of forms
- user management with unique usernames
- improved address management
- improved database schema
- HTML-framework with CSS, AJAX

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Thank you for your attention!!!

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Any questions?

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