

Context:

- 2 calls for proposals per year (February 15th and September 15th)
- 6 Peer Review Committees (from 10-20 members) with face to face meetings twice a year.
- Beamtime allocation modes:
 - Standard, Rapid Access
 - BAG:
 - ❖ Macromolecular crystallography (PROXIMA1)
 - ❖ or SAXS on Proteins in solution (SWING)

Some Figures:

- 10 calls for proposals since the opening of SOLEIL (Jan. 2008)
- More than 3600 submitted proposals and about 500 in house proposals
- About 6000 users and 2830 institutes in the database
- And more than 2800 users welcomed in 2011

SUNset : SOLEIL User Office Administrative Tool

- Tool base on the PSI Digital User Office.
- To manage all the life cycle of proposals submitted at SOLEIL

Previous status: Twist : a web application

→ Web application called Twist to :

- search,
- visualize and
- download the experiments data files by using FTP protocole
- **only in Nexus format.**

→ Indexer

- an indexing program runs periodically to create metadata of only the Nexus files in an Oracle database.
- metadata used to retrieve the experiment data files in Nexus format.

→ The Twist application :

- Is offered as a java applet
- can imply some installation issues at the client site.

Current status: Consult Experiment data as a module in the Sunset

- ➔ Integrate Twist functionalities in Sunset : "Consult Experiment Data":
 - a search functionality to find experiments and corresponding data file(s)
 - a functionality to download the **any type of data file(s)**

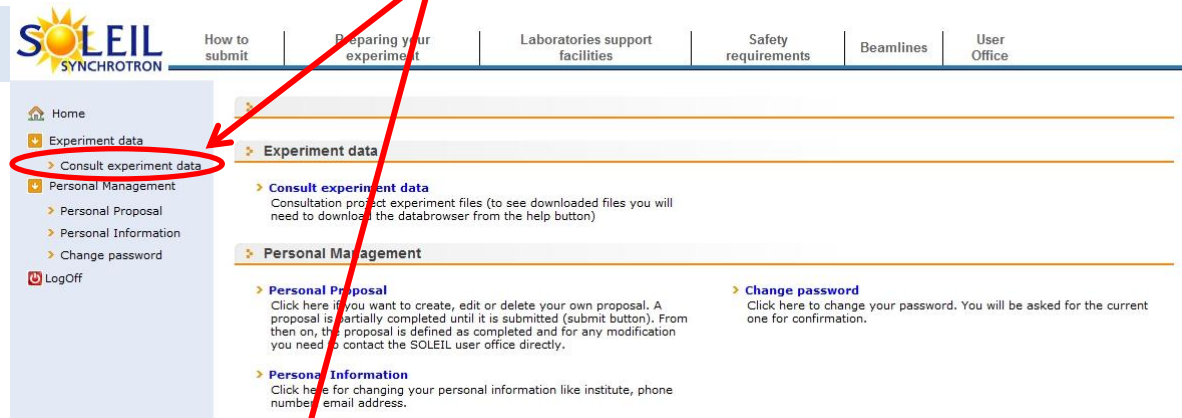
- ➔ Integration included in the refactoring of the SUNSet application

- ➔ Twist no more a separate application to SUNset

- ➔ Indexer
 - indexing program runs periodically to create metadata of all files in an BD.
 - This metadata is used to retrieve the experiment data files .

SUN set: Consult Experiment Data

Normal User: view



SOLEIL SYNCHROTRON | How to submit | Preparing your experiment | Laboratories support facilities | Safety requirements | Beamlines | User Office

- Home
- Experiment data**
 - Consult experiment data**
- Personal Management
 - Personal Proposal
 - Personal Information
 - Change password
- LogOff

Experiment data

Consult experiment data
Consultation project experiment files (to see downloaded files you will need to download the databrowser from the help button)

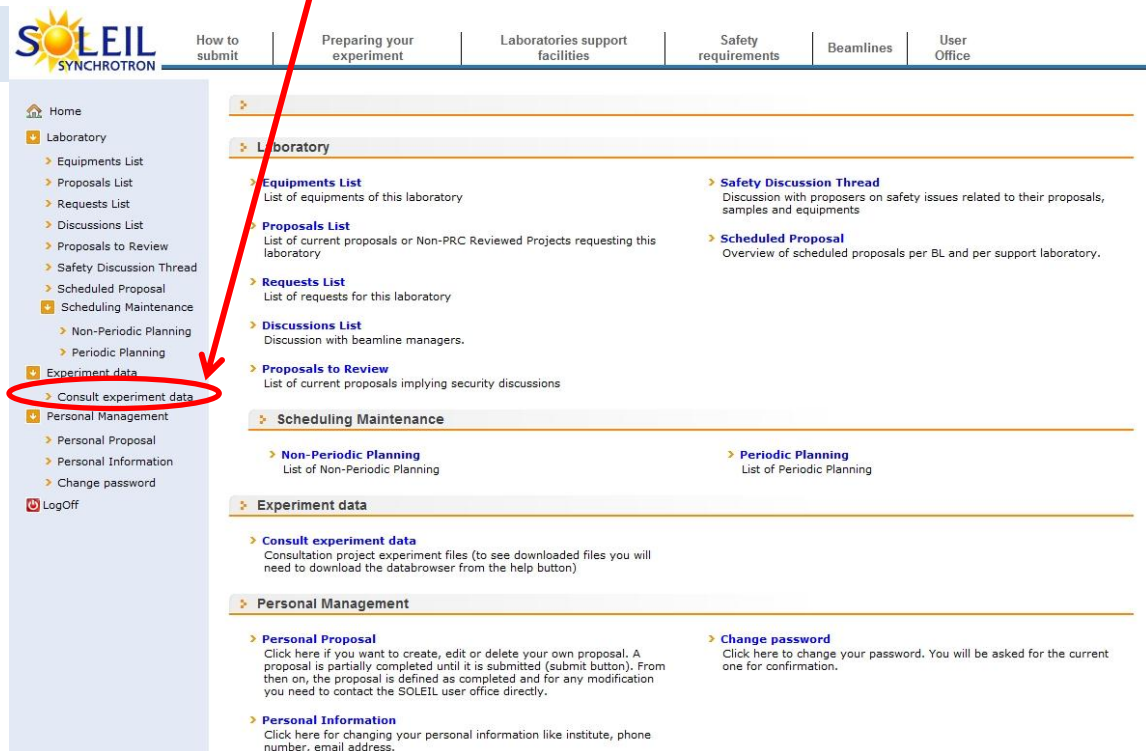
Personal Management

Personal Proposal
Click here if you want to create, edit or delete your own proposal. A proposal is partially completed until it is submitted (submit button). From then on, the proposal is defined as completed and for any modification you need to contact the SOLEIL user office directly.

Change password
Click here to change your password. You will be asked for the current one for confirmation.

Personal Information
Click here for changing your personal information like institute, phone number, email address.

Laboratory Manager: view



SOLEIL SYNCHROTRON | How to submit | Preparing your experiment | Laboratories support facilities | Safety requirements | Beamlines | User Office

- Home
- Laboratory
 - Equipments List
 - Proposals List
 - Requests List
 - Discussions List
 - Proposals to Review
 - Safety Discussion Thread
 - Scheduled Proposal
 - Scheduling Maintenance
 - Non-Periodic Planning
 - Periodic Planning
- Experiment data**
 - Consult experiment data**
- Personal Management
 - Personal Proposal
 - Personal Information
 - Change password
- LogOff

Laboratory

Equipments List
List of equipments of this laboratory

Proposals List
List of current proposals or Non-PRC Reviewed Projects requesting this laboratory

Requests List
List of requests for this laboratory

Discussions List
Discussion with beamline managers.

Proposals to Review
List of current proposals implying security discussions

Safety Discussion Thread
Discussion with proposers on safety issues related to their proposals, samples and equipments

Scheduled Proposal
Overview of scheduled proposals per BL and per support laboratory.

Scheduling Maintenance

Non-Periodic Planning
List of Non-Periodic Planning

Periodic Planning
List of Periodic Planning

Experiment data

Consult experiment data
Consultation project experiment files (to see downloaded files you will need to download the databrowser from the help button)

Personal Management

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CED Module is :

→ reusable

→ flexible

Load Clear

Consult experiment data

Attention : to view downloaded files you need to download the databrowser from the Help button below on the header of results table.

Search: In field: All

Type: Block Allocation Group In House Other Facilities Rapid Access Standard Test Training

Beamline: SMIS

Laboratory:

Cycle:

Search date (yyyy/mm/dd): From To

Only proposals with experiment data files:

Nb results: 7

Proposal	Title	Institute	City	Proposer name	1st Beamline Ass	Type	Total Files
20110263	Photo-magnetic Prussian blue analogs: Multi-technique investigation of competitive interactions in the 3D network under variable pressure.	Inst. de Chimie Moléculaire et des Matériaux d'Orsay	ORSAY CEDEX	Prof. Dr. [redacted]	ODE	Standard	46
201100979	Vizualisation of the formation of acid-resistant Calcium-oxalate layers on historical limestone and equivalent model samples after treatment with ammonium-oxalate	Univ. of Antwerp	ANTWERP	Prof. Dr. [redacted]	DiffAbs-6 circles diffractometer	Standard	6685
201100566	Characterisation of pathological calcifications in thyroid on SMIS	Lab. de Physique des Solides	ORSAY CEDEX	Dr. [redacted]	SMIS	Standard	113
20090553	Super-resolved FT-IR imaging for single particle analysis of atmospheric aerosol	Unité de Chimie Moléculaire et de Spectroscopie	VILLENEUVE D'ASCQ CEDEX	Prof. [redacted]	SMIS	Standard	264

Help [Navigation icons] 1/1 [Download icons]

Download selected files [Navigation icons] 1/1 [Download icons]

Consult experiment data - list experiment files

Proposal ID: 20110263 Title: Photo-magnetic Prussian blue analogs: Multi-technique investigation of competitive interactions in the 3D network under variable pressure.

Type: Standard Proposer name: Prof. Dr. [redacted]

Experiment files

Date: From [] To [] Status: ACTIVE

Total Results: 46

Filename	Create date	Last modifications date	File size	Last day storage	Last Days	Beamline	Experiment data
PECO-GOPa_0001.ms	2011/12/02-12:00	2011/12/02-12:00	8667191	2016/11/20	3717	ODE	
PECO-GOPa_0001.ms	2011/12/02-12:00	2011/12/02-12:00	21164096	2016/11/20	3717	ODE	
PECO-GOPa_0001.ms	2011/12/02-12:43	2011/12/02-12:43	4302210	2016/11/20	3717	ODE	
PECO-GOPa_0001.ms	2011/12/02-12:43	2011/12/02-12:43	21544096	2016/11/20	3717	ODE	
PECO-GOPa_0001.ms	2011/12/02-12:49	2011/12/02-12:49	4304949	2016/11/20	3717	ODE	
PECO-GOPa_0002.ms	2011/12/02-12:49	2011/12/02-12:49	21544096	2016/11/20	3717	ODE	
ms_0001.ms	2011/11/20-14:46	2011/11/20-14:46	4634999	2016/11/20	3715	ODE	
ms_0001.ms	2011/11/20-14:46	2011/11/20-14:46	21544096	2016/11/20	3715	ODE	
ms_0002.ms	2011/11/20-14:46	2011/11/20-14:46	4302234	2016/11/20	3715	ODE	
ms_0002.ms	2011/11/20-15:27	2011/11/20-15:27	21544096	2016/11/20	3715	ODE	
ms_0003.ms	2011/11/20-15:27	2011/11/20-15:27	21544096	2016/11/20	3715	ODE	
ms_0003.ms	2011/11/20-15:34	2011/11/20-15:34	4686176	2016/11/20	3715	ODE	
ms_0003.ms	2011/11/20-15:34	2011/11/20-15:34	21544096	2016/11/20	3715	ODE	
ms_0004.ms	2011/11/20-15:34	2011/11/20-15:34	21544096	2016/11/20	3715	ODE	
ms_0004.ms	2011/11/20-15:55	2011/11/20-15:55	21544096	2016/11/20	3715	ODE	
ms_0005.ms	2011/11/20-16:04	2011/11/20-16:04	3878325	2016/11/20	3715	ODE	
ms_0005.ms	2011/11/20-16:04	2011/11/20-16:04	21544096	2016/11/20	3715	ODE	
ms_0006.ms	2011/11/20-16:33	2011/11/20-16:33	5393302	2016/11/20	3715	ODE	
ms_0006.ms	2011/11/20-16:33	2011/11/20-16:33	21544096	2016/11/20	3715	ODE	
ms_0007.ms	2011/11/20-17:49	2011/11/20-17:49	4397410	2016/11/20	3715	ODE	
ms_0007.ms	2011/11/20-17:49	2011/11/20-17:49	21544096	2016/11/20	3715	ODE	
ms_0008.ms	2011/12/01-12:04	2011/12/01-12:04	4304949	2016/11/20	3716	ODE	
ms_0008.ms	2011/12/01-12:04	2011/12/01-12:04	21544096	2016/11/20	3716	ODE	
ms_0009.ms	2011/12/01-14:27	2011/12/01-14:27	4323844	2016/11/20	3716	ODE	
ms_0009.ms	2011/12/01-14:27	2011/12/01-14:27	21544096	2016/11/20	3716	ODE	
ms_0010.ms	2011/12/01-14:43	2011/12/01-14:43	2861014	2016/11/20	3716	ODE	

External viewer for nexus files

Links

Load Exit

Description:

Link:

Description Link

DataBrowser Download <http://wiki.synchrotron-soleil.fr/tikiwiki/tiki-index.php?page=How-to-browse-downloaded-Nexus-files&structure=WikiSoleil>

4th ICAT Workshop 20-03-2012

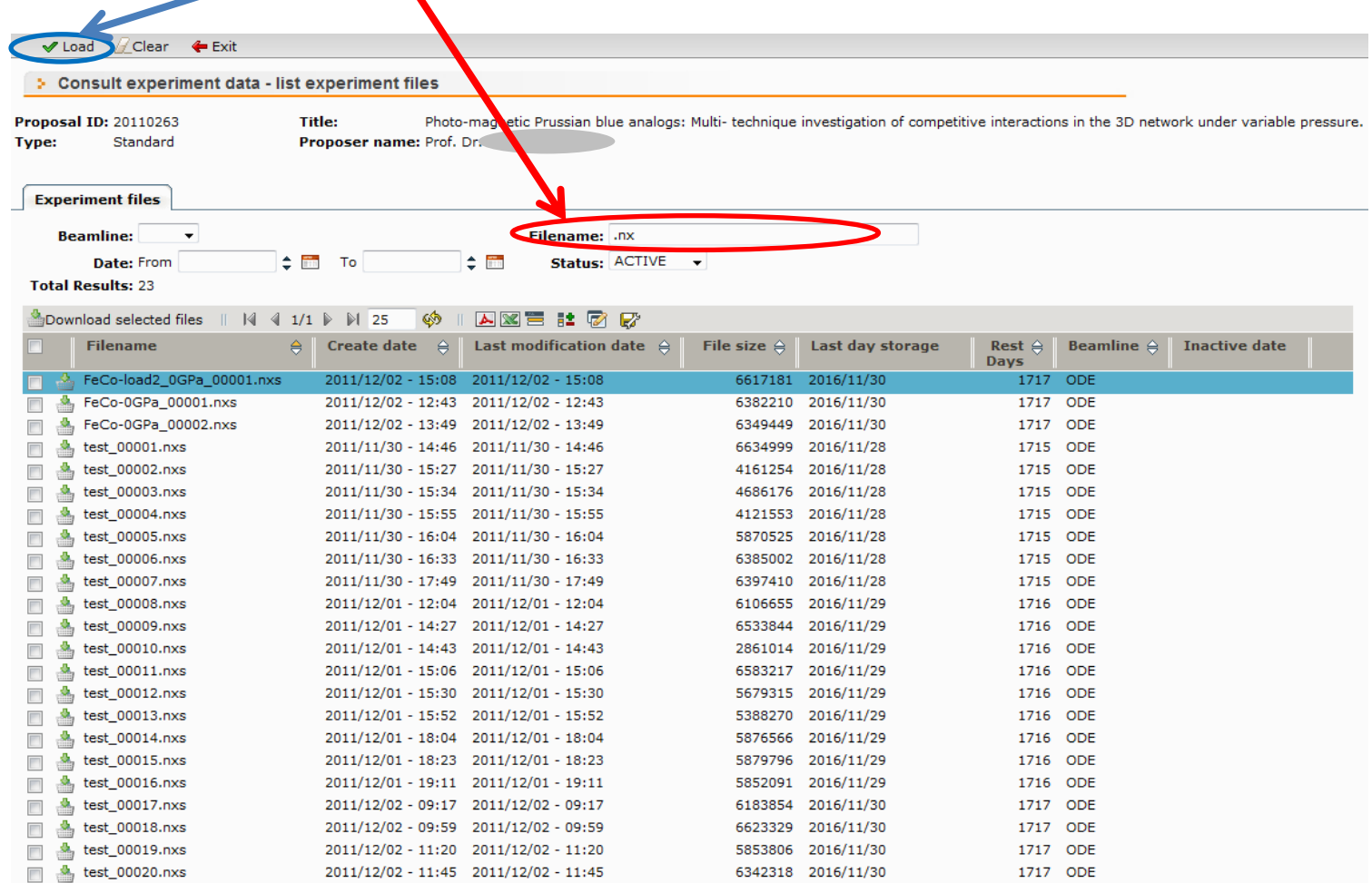
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I. CHADO

« Filename » field:

To modify your search term or search function in the « Filename » field:

- ➔ Just type the text you are looking for in the « Filename » field
- ➔ Launch the search by clicking on the Load button



Consult experiment data - list experiment files

Proposal ID: 20110263 **Title:** Photo-magnetic Prussian blue analogs: Multi- technique investigation of competitive interactions in the 3D network under variable pressure.
Type: Standard **Proposer name:** Prof. Dr. [redacted]

Experiment files

Beamline: **Filename:**

Date: From To **Status:** ACTIVE

Total Results: 23

Filename	Create date	Last modification date	File size	Last day storage	Rest Days	Beamline	Inactive date
FeCo-load2_0GPa_00001.nxs	2011/12/02 - 15:08	2011/12/02 - 15:08	6617181	2016/11/30	1717	ODE	
FeCo-0GPa_00001.nxs	2011/12/02 - 12:43	2011/12/02 - 12:43	6382210	2016/11/30	1717	ODE	
FeCo-0GPa_00002.nxs	2011/12/02 - 13:49	2011/12/02 - 13:49	6349449	2016/11/30	1717	ODE	
test_00001.nxs	2011/11/30 - 14:46	2011/11/30 - 14:46	6634999	2016/11/28	1715	ODE	
test_00002.nxs	2011/11/30 - 15:27	2011/11/30 - 15:27	4161254	2016/11/28	1715	ODE	
test_00003.nxs	2011/11/30 - 15:34	2011/11/30 - 15:34	4686176	2016/11/28	1715	ODE	
test_00004.nxs	2011/11/30 - 15:55	2011/11/30 - 15:55	4121553	2016/11/28	1715	ODE	
test_00005.nxs	2011/11/30 - 16:04	2011/11/30 - 16:04	5870525	2016/11/28	1715	ODE	
test_00006.nxs	2011/11/30 - 16:33	2011/11/30 - 16:33	6385002	2016/11/28	1715	ODE	
test_00007.nxs	2011/11/30 - 17:49	2011/11/30 - 17:49	6397410	2016/11/28	1715	ODE	
test_00008.nxs	2011/12/01 - 12:04	2011/12/01 - 12:04	6106655	2016/11/29	1716	ODE	
test_00009.nxs	2011/12/01 - 14:27	2011/12/01 - 14:27	6533844	2016/11/29	1716	ODE	
test_00010.nxs	2011/12/01 - 14:43	2011/12/01 - 14:43	2861014	2016/11/29	1716	ODE	
test_00011.nxs	2011/12/01 - 15:06	2011/12/01 - 15:06	6583217	2016/11/29	1716	ODE	
test_00012.nxs	2011/12/01 - 15:30	2011/12/01 - 15:30	5679315	2016/11/29	1716	ODE	
test_00013.nxs	2011/12/01 - 15:52	2011/12/01 - 15:52	5388270	2016/11/29	1716	ODE	
test_00014.nxs	2011/12/01 - 18:04	2011/12/01 - 18:04	5876566	2016/11/29	1716	ODE	
test_00015.nxs	2011/12/01 - 18:23	2011/12/01 - 18:23	5879796	2016/11/29	1716	ODE	
test_00016.nxs	2011/12/01 - 19:11	2011/12/01 - 19:11	5852091	2016/11/29	1716	ODE	
test_00017.nxs	2011/12/02 - 09:17	2011/12/02 - 09:17	6183854	2016/11/30	1717	ODE	
test_00018.nxs	2011/12/02 - 09:59	2011/12/02 - 09:59	6623329	2016/11/30	1717	ODE	
test_00019.nxs	2011/12/02 - 11:20	2011/12/02 - 11:20	5853806	2016/11/30	1717	ODE	
test_00020.nxs	2011/12/02 - 11:45	2011/12/02 - 11:45	6342318	2016/11/30	1717	ODE	

To download multiple files :

1. click on the first checkbox inside the red circle
2. click on the **Download selected files** button

To download given file :

1. click directly on the following icon 

Load Clear Exit
Consult experiment data - list experiment files

Proposal ID: 20110263 **Title:** Photo-magnetic Prussian blue analogs: Multi- technique investigation of competitive interactions in the 3D network under variable pressure.
Type: Standard **Proposer name:** Prof. Dr. [redacted]

Experiment files
 Beamline: [dropdown] Filename: .nxs
 Date: From [calendar] To [calendar] Status: ACTIVE [dropdown]
Total Results: 23

Download selected files 1/1 25 [icons]

<input type="checkbox"/>	Filename	Create date	Last modification date	File size	Last day storage	Rest Days	Beamline	Inactive date
<input checked="" type="checkbox"/>	FeCo-load2_OGPa_00001.nxs	2011/12/02 - 15:08	2011/12/02 - 15:08	6617181	2016/11/30	1717	ODE	
<input checked="" type="checkbox"/>	FeCo-OGPa_00001.nxs	2011/12/02 - 12:43	2011/12/02 - 12:43	6382210	2016/11/30	1717	ODE	
<input checked="" type="checkbox"/>	FeCo-OGPa_00002.nxs	2011/12/02 - 13:49	2011/12/02 - 13:49	6349449	2016/11/30	1717	ODE	
<input checked="" type="checkbox"/>	test_00001.nxs	2011/11/30 - 14:46	2011/11/30 - 14:46	6634999	2016/11/28	1715	ODE	
<input checked="" type="checkbox"/>	test_00002.nxs	2011/11/30 - 15:27	2011/11/30 - 15:27	4161254	2016/11/28	1715	ODE	
<input checked="" type="checkbox"/>	test_00003.nxs	2011/11/30 - 15:34	2011/11/30 - 15:34	4686176	2016/11/28	1715	ODE	
<input checked="" type="checkbox"/>	test_00004.nxs	2011/11/30 - 15:55	2011/11/30 - 15:55	4121553	2016/11/28	1715	ODE	
<input checked="" type="checkbox"/>	test_00005.nxs	2011/11/30 - 16:04	2011/11/30 - 16:04	5870525	2016/11/28	1715	ODE	
<input checked="" type="checkbox"/>	test_00006.nxs	2011/11/30 - 16:33	2011/11/30 - 16:33	6385002	2016/11/28	1715	ODE	
<input checked="" type="checkbox"/>	test_00007.nxs	2011/11/30 - 17:49	2011/11/30 - 17:49	6397410	2016/11/28	1715	ODE	
<input checked="" type="checkbox"/>	test_00008.nxs	2011/12/01 - 12:04	2011/12/01 - 12:04	6106655	2016/11/29	1716	ODE	
<input checked="" type="checkbox"/>	test_00009.nxs	2011/12/01 - 14:27	2011/12/01 - 14:27	6533844	2016/11/29	1716	ODE	
<input checked="" type="checkbox"/>	test_00010.nxs	2011/12/01 - 14:43	2011/12/01 - 14:43	2861014	2016/11/29	1716	ODE	
<input checked="" type="checkbox"/>	test_00011.nxs	2011/12/01 - 15:06	2011/12/01 - 15:06	6583217	2016/11/29	1716	ODE	
<input checked="" type="checkbox"/>	test_00012.nxs	2011/12/01 - 15:30	2011/12/01 - 15:30	5679315	2016/11/29	1716	ODE	
<input checked="" type="checkbox"/>	test_00013.nxs	2011/12/01 - 15:52	2011/12/01 - 15:52	5388270	2016/11/29	1716	ODE	
<input checked="" type="checkbox"/>	test_00014.nxs	2011/12/01 - 18:04	2011/12/01 - 18:04	5876566	2016/11/29	1716	ODE	
<input checked="" type="checkbox"/>	test_00015.nxs	2011/12/01 - 18:23	2011/12/01 - 18:23	5879796	2016/11/29	1716	ODE	
<input checked="" type="checkbox"/>	test_00016.nxs	2011/12/01 - 19:11	2011/12/01 - 19:11	5852091	2016/11/29	1716	ODE	
<input checked="" type="checkbox"/>	test_00017.nxs	2011/12/02 - 09:17	2011/12/02 - 09:17	6183854	2016/11/30	1717	ODE	
<input checked="" type="checkbox"/>	test_00018.nxs	2011/12/02 - 09:59	2011/12/02 - 09:59	6623329	2016/11/30	1717	ODE	
<input checked="" type="checkbox"/>	test_00019.nxs	2011/12/02 - 11:20	2011/12/02 - 11:20	5853806	2016/11/30	1717	ODE	
<input checked="" type="checkbox"/>	test_00020.nxs	2011/12/02 - 11:45	2011/12/02 - 11:45	6342318	2016/11/30	1717	ODE	

Conclusion



In the framework of the refactoring of SOLEIL User Office Tool:

- › In addition to existing modules,
- › Added → Consult Experiment Data
 - › Coupled with an indexing program
 - › Reusable / Modular / Flexible
 - › Allow users :
 - › to browse through their data (nexus and others)
 - › to download Experimental files



+++ For users:

- › Userfriendly
- › Add new end-user fonctionnalités



Collaboration:

- › Foreseen to use ICAT in the future