

## AGENDA

- ❖ **SOLEIL Current Status**
- ❖ **SUN set today**
- ❖ **SUN set future plans**
- ❖ **Proposals workflow**

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Head, SOLEIL User Office

# Current status

## Access Modes @ SOLEIL

### Standard Access

- Based on a twice a year call for proposal;
- Proposals are evaluated by 6 International Peer Review Committees (PRC);
- Submission deadline: February 15<sup>th</sup> and September 15<sup>th</sup> for beamtime starting 6 months after submission.

### BAG Access

- Thematic and/or geographical grouping;
- MX and SAXS users encouraged to form BAGs to improve efficiency and frequency access;
- Duration of a BAG is one year / only one call;
- Submission deadline: September 15<sup>th</sup> for beamtime starting 6 months after submission.

### BioStruct X Access

- A **continuous proposal submission** for **BioStruct -X PEC approved project**

### Rapid Access

- A **very limited** number of projects may be accepted for test or urgent work.

### Charged Access

- Mainly for **industrial applications**

**For all access modes: Samples to be declared & Technical and safety assessments to be done**

## Some Figures

- 15 calls for proposals since the opening of SOLEIL (Jan. 2008)
- More than 7200 submitted proposals (STD, BAG, RA, TNA) and about 1000 in house proposals
- About 10300 users and more than 3600 institutes in the database
- More than 3800 users welcomed in 2013
- 26 beamlines in operation

**SUN: Users Information pages**  
**SUN set: users tool (data base)**

The screenshot shows the Synchrotron SOLEIL website. At the top, there is a search bar with the text "RESEARCH ON OUR SITE" and an "OK" button. To the right of the search bar are links: "SITE MAP | ACCESS | DIRECTORY | CONTACTS | PARTNERS | LINKS". Below the search bar, the SOLEIL logo is displayed. To the right of the logo, there are navigation links: "RESEARCH", "INDUSTRY & DEVELOPMENT", "SOURCES & ACCELERATORS", "INSTRUMENTATION", and "SOLEIL COMPANY". A red circle highlights a link labeled "SUN (SOLEIL Users Net) Proposals submission" with a deadline of "Feb. 15<sup>th</sup>, 2015 - 23:59 French time". To the left of this link, there is a text overlay: "SUN: Users Information pages" and "SUN set: users tool (data base)". Below the navigation links, there is a section titled "FRONT PAGE" with two articles. The first article is titled "A better decoding of nanoparticle surfaces at the atomic scale" and the second is titled "Study of lettuce exposed to nanoparticles". Below the articles, there is a section titled "EVENTS" with a link to "PARTNER 23rd edition of the Fête de la Science". At the bottom of the page, there is a footer with contact information and a copyright notice.

RESEARCH ON OUR SITE  OK

FRONT PAGE

**SUN (SOLEIL Users Net)**  
**Proposals submission**  
Deadline(standard proposals):  
Feb. 15<sup>th</sup>, 2015 - 23:59 French time

**A better decoding of nanoparticle surfaces at the atomic scale**  
A research team has developed a method that allows free nanoparticles to be studied while avoiding any substrate influence. In this way it becomes possible to specifically characterize the surfaces of nanoparticles. [Full story](#)

**Study of lettuce exposed to nanoparticles**  
A team from Grenoble studied the growth of lettuces, under nanoparticles exposure. In addition to soil contamination, the study focused on airborne contaminants for the first time. Nanoparticles are spreading in many everyday life products, such as paints for the construction industry. [Full story](#)

**Live science**

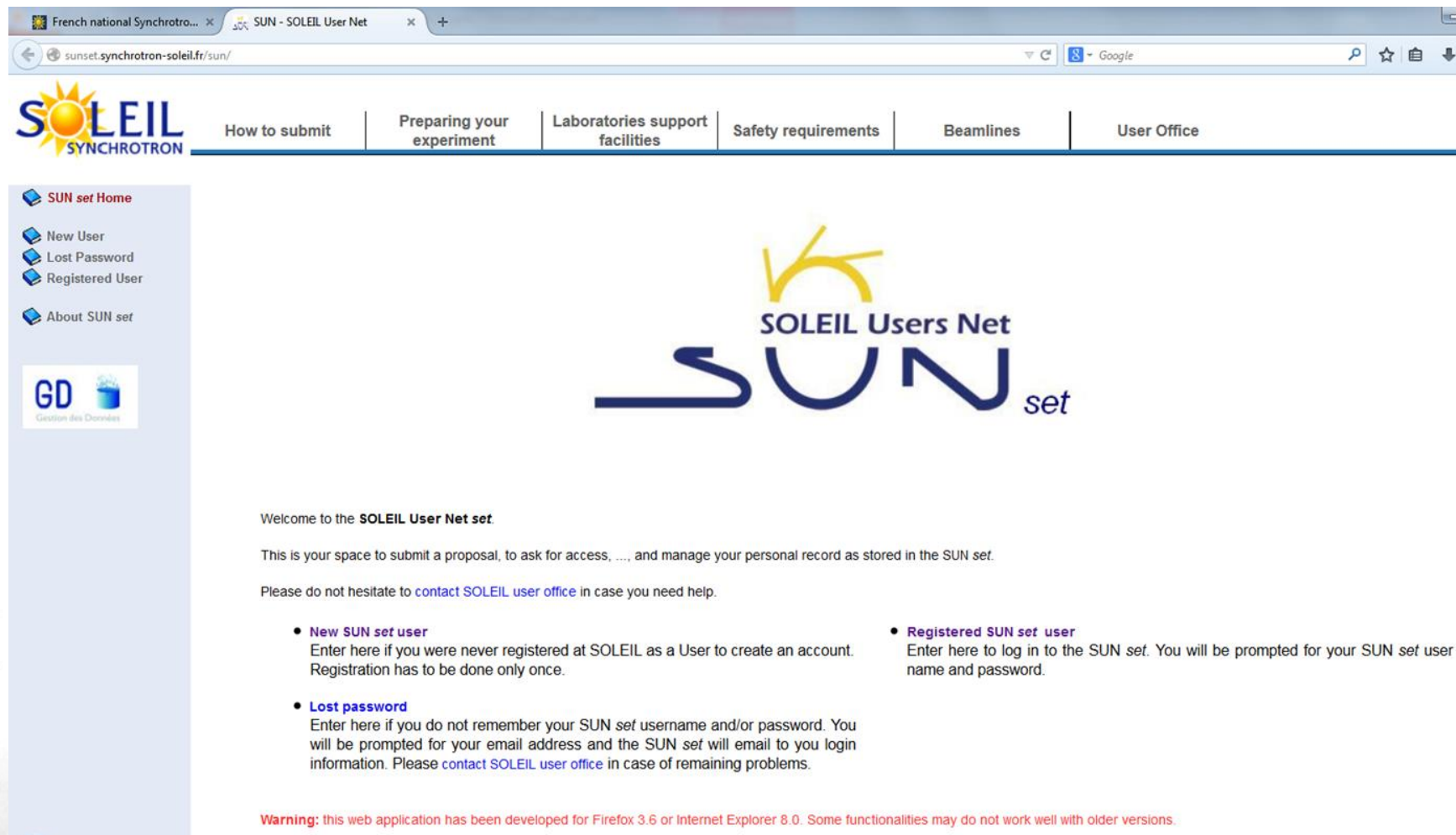
**EVENTS**  
**PARTNER**  
**23rd edition of the Fête de la Science**  
**October 10-12, 2014**  
**Gif-sur-Yvette, Gymnase du Moulon**  
**International School Physical and chemical characterization of surfaces at different scales: from theory to applications**  
**17-21 November 2014 - INSTN and Synchrotron SOLEIL**  
**All the news**

**SOLEIL by Yves COPPENS**

Synchrotron SOLEIL - L'Orme des Merisiers Saint-Aubin - BP 48 91192 GIF-sur-YVETTE CEDEX Tel. 01 69 35 90 00 | Legal notices | Copyright © 2007



## A tool based on the PSI Digital User Office (web interface)



The screenshot shows a web browser window with the URL [sunset.synchrotron-soleil.fr/sun/](http://sunset.synchrotron-soleil.fr/sun/). The page features a navigation bar with links: [How to submit](#), [Preparing your experiment](#), [Laboratories support facilities](#), [Safety requirements](#), [Beamlines](#), and [User Office](#). A sidebar on the left contains links: [SUN set Home](#), [New User](#), [Lost Password](#), [Registered User](#), and [About SUN set](#). The main content area displays the **SOLEIL Users Net** logo and a welcome message: "Welcome to the **SOLEIL User Net set**." It explains that this is the user's space to submit proposals, request access, and manage their record. A warning note states: "Warning: this web application has been developed for Firefox 3.6 or Internet Explorer 8.0. Some functionalities may do not work well with older versions." Below the welcome message, there are two main sections for user actions:

- New SUN set user**  
 Enter here if you were never registered at SOLEIL as a User to create an account. Registration has to be done only once.
- Registered SUN set user**  
 Enter here to log in to the SUN set. You will be prompted for your SUN set user name and password.

There is also a link for **Lost password** with instructions to provide an email address for a password reset.

## Users operations

- Proposals submissions
- Safety discussions
- Addition of samples after proposal acceptance
- Support laboratory request(s)
- Participants declaration and Apply for accesses (guest house, canteen, ...)
- Safety training
- SOLEIL Data Retrieval (download experimental data generated during the experiment)
- End of run report submission
- Experimental report submission
- Publication submission
- Personal information management, ...

## Safety officer operations

- Proposals safety assessments
- Safety discussions
- Safety training management
- Samples assessments after proposals acceptance
- Safety Approval Sheets

## Beamline Managers operations

- Proposals technical assessments
- Schedule beamtime
- Notification of planification to users
- View of participants list
- View of End of run report / experimental report
- In house/Tests/... proposals submission, ...

## Peer Review Committees operations

- *All members*: Proposals Reviewing and grading/ranking operations
- *Chairpersons*:
  - Proposal transfer from the PRC to another
    - Referees assignation
    - Overview of members grading
  - Final evaluation during face to face meetings: final grades, shifts allocation, status decision, comments for MP, ...

## Board of Directors operations

- View all proposals,...
- Shifts assignation per PRC and per BL
- View of PRC decisions and validation/adjustment of PRC work, ...

## User Office operations

- Users management (email check)
- Institutes management (to validate or not a new institute of modification request)
- PRC management (to add new members...)
- TNA programs management
- Proposals at PRC disposal
- Results notifications after PRC meetings and SOLEIL Directors validation to MP
  - Participants declaration and Apply accesses validation
  - Consult BLM planification
  - View End of run report & experimental report
  - View Publications, ...
  - Extractions for reporting and statistics (QlikView tool)

### **Automatic notifications to remind user/main proposer to do appropriate formalities like:**

- |                                  |                                |
|----------------------------------|--------------------------------|
| - Declaration of participants    | - End of run report submission |
| - Safety training                | - Publications submission      |
| - Experimental report submission |                                |



## Travel Office Menu

- View Participants list and accesses applications
- List of users

## Guest House Menu

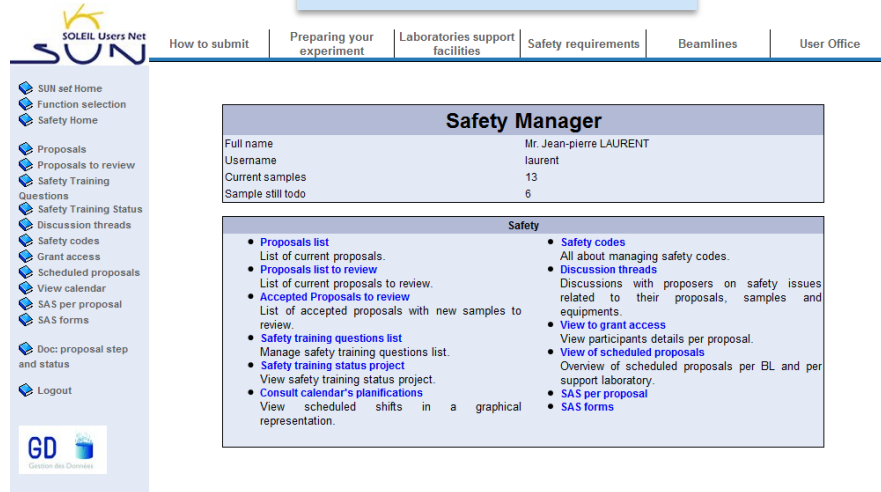
- View Participants list and booking requests
- Booking follow up

**Automatic mails to confirm the booking**

## Reception desk Menu

- View Participants list and accesses application to welcome users:
- Safety training checking
- Users declaration collecting
- Badges follow up

## Before refactoring



**SOLEIL Users Net**

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

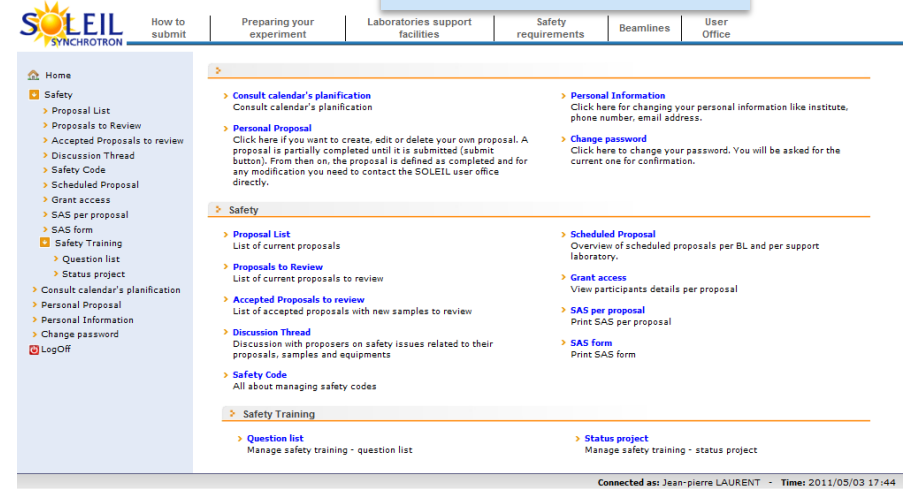
**Safety Manager**

Full name: Mr. Jean-pierre LAURENT  
 Username: laurent  
 Current samples: 13  
 Sample still todo: 6

**Safety**

- Proposals list**  
List of current proposals.
- Proposals list to review**  
List of current proposals to review.
- Accepted Proposals to review**  
List of accepted proposals with new samples to review.
- Safety training questions list**  
Manage safety training questions list.
- Safety training status project**  
View safety training status project.
- Consult calendar's planifications**  
View scheduled shifts in a graphical representation.
- Safety codes**  
All about managing safety codes.
- Discussion threads**  
Discussions with proposers on safety issues related to their proposals, samples and equipments.
- View to grant access**  
View participants details per proposal.
- View of scheduled proposals**  
Overview of scheduled proposals per BL and per support laboratory.
- SAS per proposal**
- SAS forms**

## After refactoring



**SOLEIL SYNCHROTRON**

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

**Home**

- Safety**
  - Proposal List
  - Proposals to Review
  - Accepted Proposals to review
  - Discussion Thread
  - Safety Code
  - Scheduled Proposal
  - Grant access
  - SAS per proposal
  - SAS form
  - Safety Training
  - Question list
  - Status project
  - Consult calendar's planification
  - Personal Information
  - Change password
  - LogOff
- Consult calendar's planification**  
Consult calendar's planification
- 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.
- Personal Information**  
Click here for changing your personal information like institute, phone number, email address.
- Change password**  
Click here to change your password. You will be asked for the current one for confirmation.
- Scheduled Proposal**  
Overview of scheduled proposals per BL and per support laboratory.
- Grant access**  
View participants details per proposal
- SAS per proposal**  
Print SAS per proposal
- SAS form**  
Print SAS form
- Question list**  
Manage safety training - question list
- Status project**  
Manage safety training - status project

Connected as: Jean-pierre LAURENT - Time: 2011/05/03 17:44

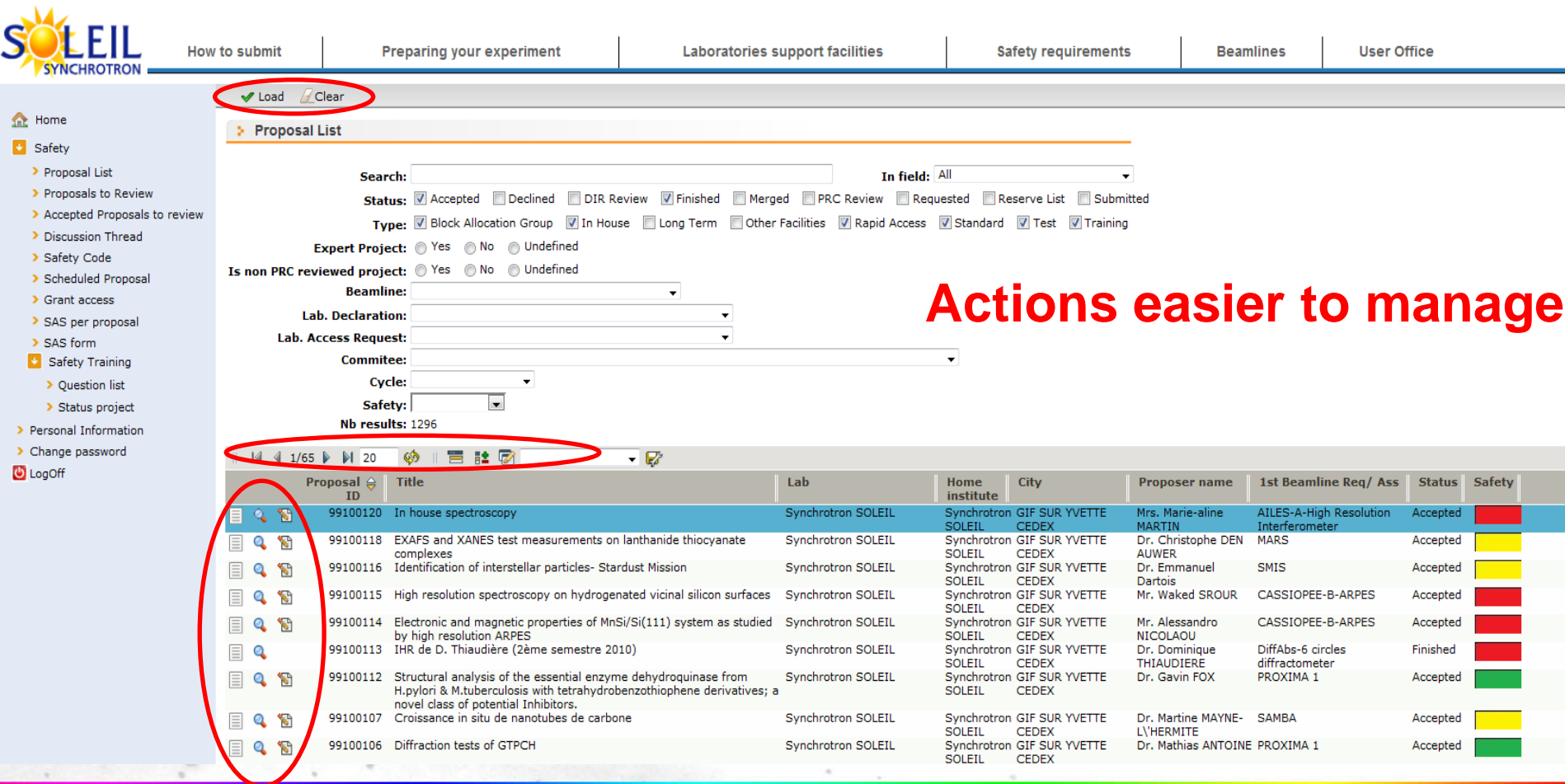
## Goals:

- Enhance productivity
- Add new features in an easy way
- Easy to maintain
- Userfriendly

- Use web 2.0
- Sherpabeen framework
- Java / Oracle data base

**Not only refactoring also  
integration of new functionalities**

## Safety Manager Menu: List of proposals



**SOLEIL SYNCHROTRON**

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

**Proposal List**

Search:  In field: All

Status: ☒ Accepted ☐ Declined ☐ DIR Review ☒ Finished ☐ Merged ☐ PRC Review ☐ Requested ☐ Reserve List ☐ Submitted

Type: ☒ Block Allocation Group ☒ In House ☐ Long Term ☐ Other Facilities ☒ Rapid Access ☒ Standard ☒ Test ☒ Training

Expert Project: ☐ Yes ☐ No ☐ Undefined

Is non PRC reviewed project: ☐ Yes ☐ No ☐ Undefined

Beamline:

Lab. Declaration:

Lab. Access Request:

Committee:

Cycle:

Safety:

Nb results: 1296

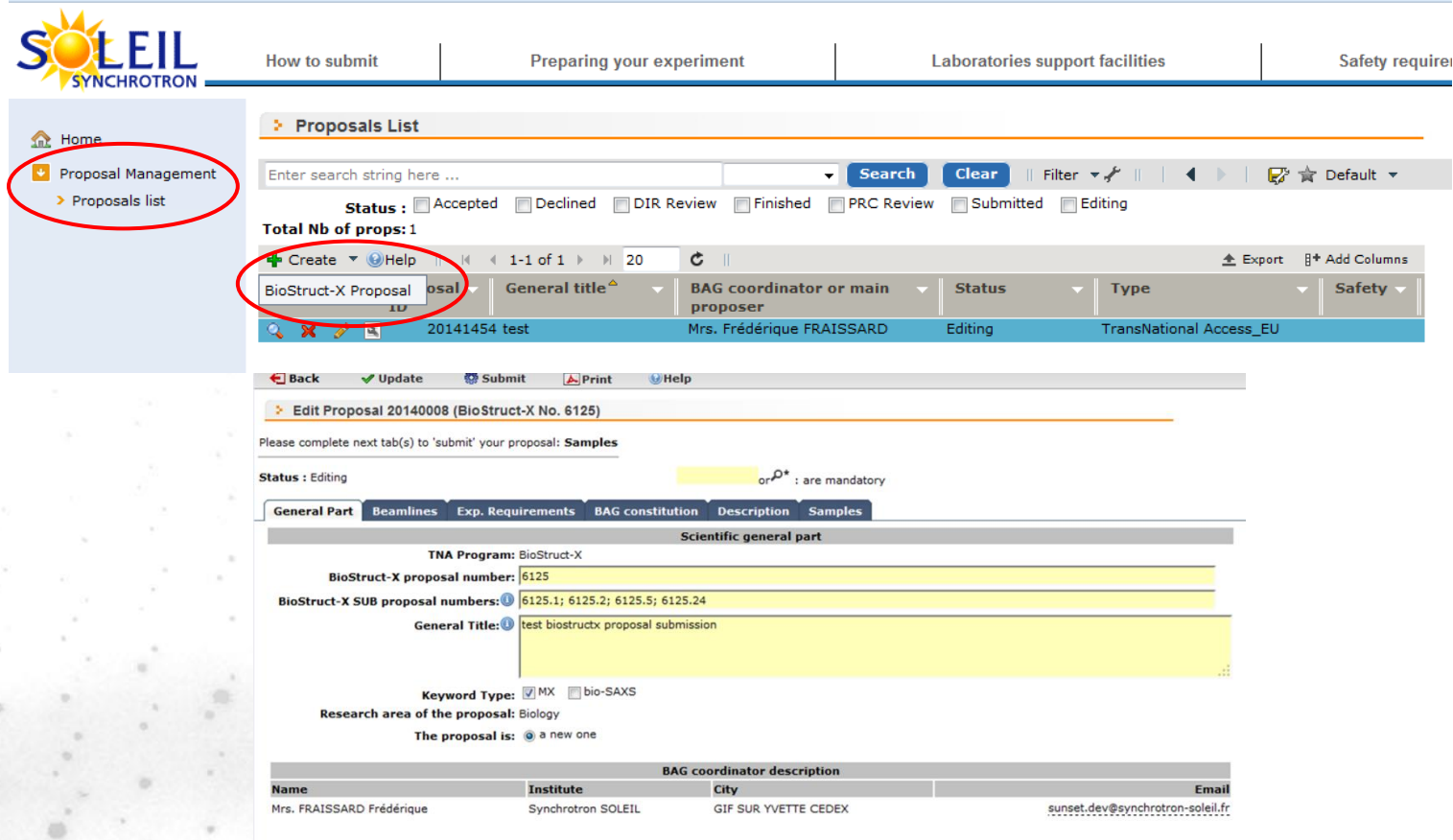
1/65 20

Proposal ID	Title	Lab	Home institute	City	Proposer name	1st Beamline Req/ Ass	Status	Safety
99100120	In house spectroscopy	Synchrotron SOLEIL	Synchrotron SOLEIL	GIF SUR YVETTE CEDEX	Mrs. Marie-aline MARTIN	AILES-A-High Resolution Interferometer	Accepted	
99100118	EXAFS and XANES test measurements on lanthanide thiocyanate complexes	Synchrotron SOLEIL	Synchrotron SOLEIL	GIF SUR YVETTE CEDEX	Dr. Christophe DEN AUWER	MARS	Accepted	
99100116	Identification of interstellar particles- Stardust Mission	Synchrotron SOLEIL	Synchrotron SOLEIL	GIF SUR YVETTE CEDEX	Dr. Emmanuel Dartois	SMIS	Accepted	
99100115	High resolution spectroscopy on hydrogenated vicinal silicon surfaces	Synchrotron SOLEIL	Synchrotron SOLEIL	GIF SUR YVETTE CEDEX	Mr. Waked SROUR	CASSIOPEE-B-ARPES	Accepted	
99100114	Electronic and magnetic properties of MnSi/Si(111) system as studied by high resolution ARPES	Synchrotron SOLEIL	Synchrotron SOLEIL	GIF SUR YVETTE CEDEX	Mr. Alessandro NICOLAOU	CASSIOPEE-B-ARPES	Accepted	
99100113	IHR de D. Thiaudière (2ème semestre 2010)	Synchrotron SOLEIL	Synchrotron SOLEIL	GIF SUR YVETTE CEDEX	Dr. Dominique THIAUDIERE	DiffAbs-6 circles diffractometer	Finished	
99100112	Structural analysis of the essential enzyme dehydroquinase from H.pylori & M.tuberculosis with tetrahydrobenzothiophene derivatives; a novel class of potential Inhibitors.	Synchrotron SOLEIL	Synchrotron SOLEIL	GIF SUR YVETTE CEDEX	Dr. Gavin FOX	PROXIMA 1	Accepted	
99100107	Croissance in situ de nanotubes de carbone	Synchrotron SOLEIL	Synchrotron SOLEIL	GIF SUR YVETTE CEDEX	Dr. Martine MAYNE-L'HERMITE	SAMBA	Accepted	
99100106	Diffraction tests of GTPCH	Synchrotron SOLEIL	Synchrotron SOLEIL	GIF SUR YVETTE CEDEX	Dr. Mathias ANTOINE	PROXIMA 1	Accepted	

**Actions easier to manage**

## BioStructX proposal at SOLEIL

Since SOLEIL' management wishes to facilitate BioStruct-X proposal submission into SUN set, the procedure has been simplified to only request necessary information for access to the beamlines.

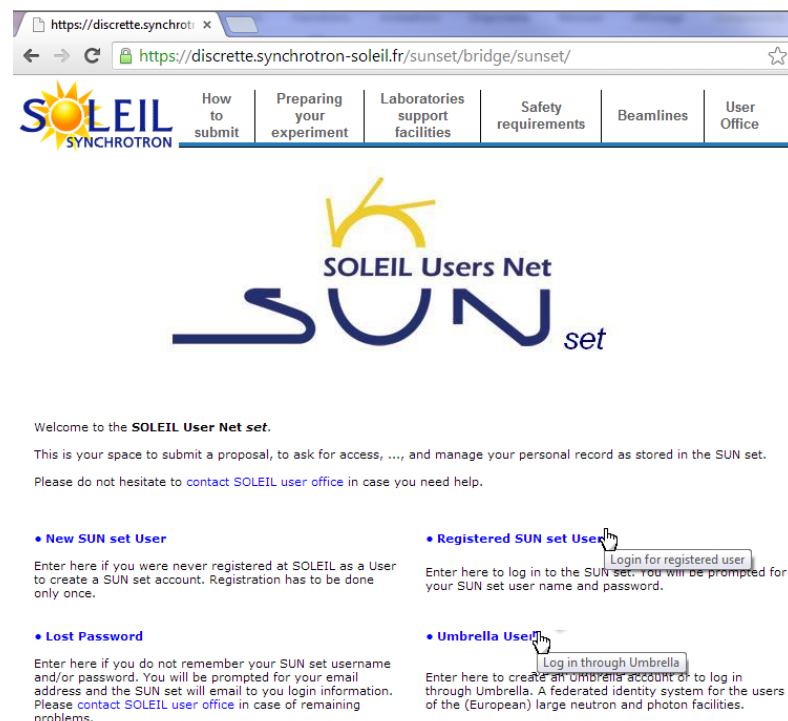


The screenshot shows the SOLEIL Synchrotron website interface. The top navigation bar includes links for 'How to submit', 'Preparing your experiment', 'Laboratories support facilities', and 'Safety requirements'. The left sidebar menu highlights 'Proposal Management' and 'Proposals list'. The main content area displays the 'Proposals List' with a search bar and filters. A table lists proposals, with one entry for '20141454 test' by 'Mrs. Frédérique FRAISSARD' in 'Editing' status. Below the table, the 'Edit Proposal 20140008 (BioStruct-X No. 6125)' form is shown. The form includes fields for 'BioStruct-X proposal number' (6125), 'BioStruct-X SUB proposal numbers' (6125.1; 6125.2; 6125.5; 6125.24), 'General Title' (test biostructx proposal submission), 'Keyword Type' (MX), 'Research area of the proposal' (Biology), and 'The proposal is' (a new one). The bottom section, 'BAG coordinator description', contains a table with the coordinator's details.

Name	Institute	City	Email
Mrs. FRAISSARD Frédérique	Synchrotron SOLEIL	GIF SUR YVETTE CEDEX	<a href="mailto:sunset.dev@synchrotron-soleil.fr">sunset.dev@synchrotron-soleil.fr</a>

## Umbrella @ SOLEIL

- Installation of Service Provider (SP) at SOLEIL which is registered on ILL and PSI Identity Providers (IdP)
- Production launching is expected for the end of 2014



## Wayforlight @ SOLEIL

- Integration & Production launching of Wayforlight into SUN set expected for the end of 2014



## By the end of the year:

- Participants declaration with Laboratory request
- Samples addition after acceptance
- Integration of ISPyB

## By the end of T1 2015:

- User account
- Search/create Institute
- Proposal submission with **new features**
  - ✓ Display step-by-step the submission process in tabs
  - ✓ Template online for proposal description (no more pdf)
  - ✓ Step to add publications
  - ✓ Step to copy samples from previous proposal
- End of Run Report
- Experimental report

## By the end of T2 2015:

### ➤ Addition of a Dashboard in the User menu



## By the end of 2015:

- Samples tracking
- And all remaining menus

# Proposal workflow

**Proposal Writing / Editing** (possible at any time)

status « *editing* »

Main proposer

**Submission** : During the call for proposals period

status « *submitted* »

Beamline Manager/  
SOLEIL Management

**Technical Assessment**

4 WEEKS

**Proposals Reviewing**

4 WEEKS

Peer Review Committees  
Face to face meetings

2 WEEKS

**PRC Decisions Validation**

Safety assessments  
3 WEEKS  
2 WEEKS

SOLEIL Board of Directors

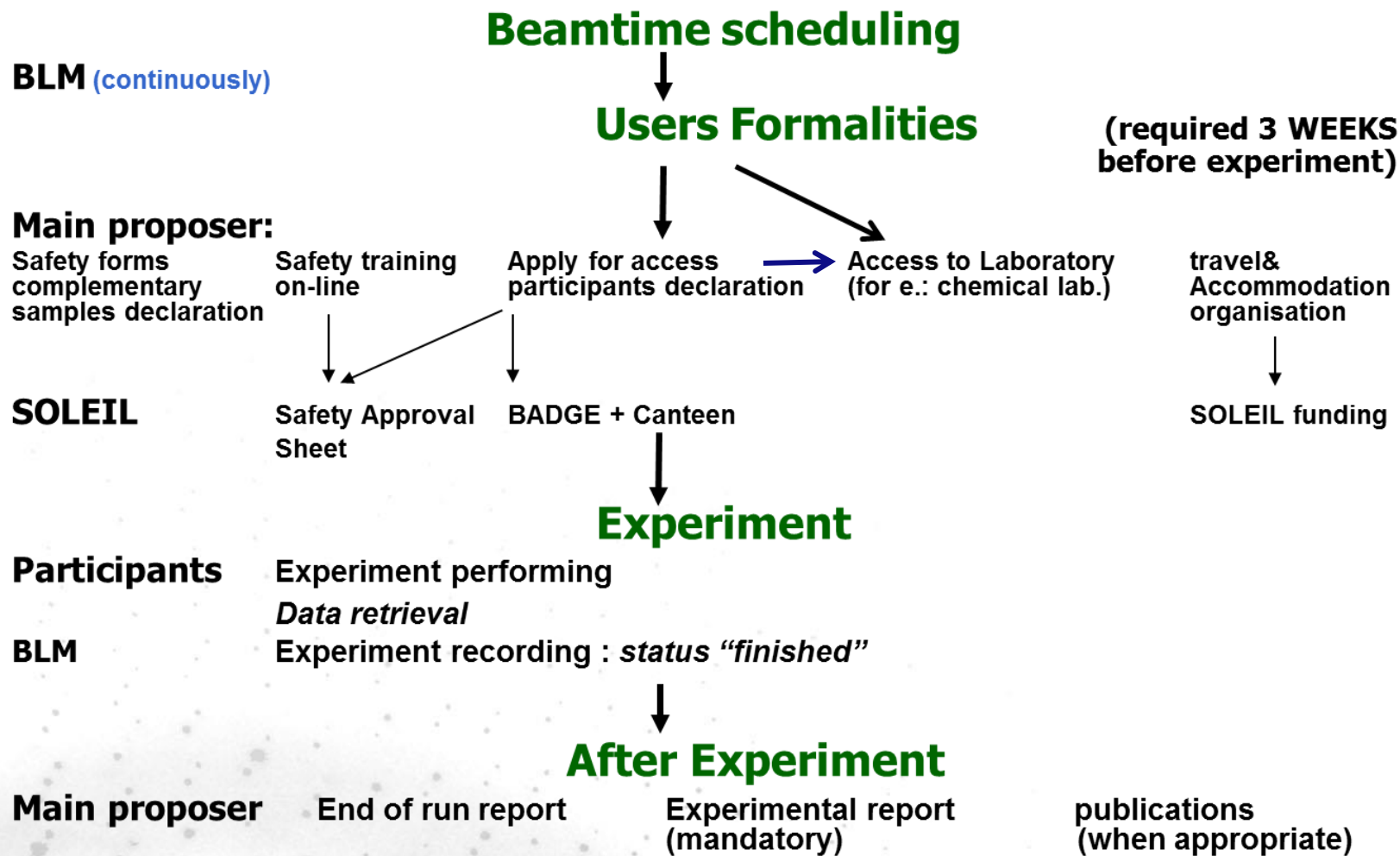
status « *declined* » or « *accepted* »

User Office

**Results communication**  
(= 12 weeks from the submission deadline)

If acceptance...

# Proposal workflow



# THANK YOU FOR YOUR ATTENTION