

Access to the ILL facilities

current procedures
& *future* needs

User single entry point to ESRF and ILL - 29 May 2008

Giovanna Cicognani - ILL Scientific Coordinator

ILL
(1967)

PSCM
High B

FaME

PSB
&DLab

ESRF
(1988)

EMBL
(1981)

ILL:

12 EU member countries

Staff: 475

Annual Budget: 74 M€

Reactor: 58Mw, 200days/year

Annual user budget: 700 k€

900 experiments/year

2000 visitors/year

600 publications/year

Current ILL procedures: the *User Portal*

<http://club.ill.fr/cv>



The Visitors' Club gives **direct access** to all administrative tools for ILL scientific visitors from a **unique** web site.

All information is presented in a **user friendly** environment

After having logged in with **your own personal identification** (user name/password), you will access freely all the tools/information available which concern you

Users with particular responsibilities have **privileged access** to other tools according to their role

Current ILL procedures: the *User Portal*

Oracle Data Base



SQL procedures

Shared by all ILL staff (User Office, Travel Office, Site entrance, Health Physics, Reactor, ...)

Users : from proposal submission to reimbursement claims

(instrument control, data treatment and publications dealt differently)

Welcome!



Access granted to all

- Experimental reports :
 - [Find an experimental report](#)
 - [Find a theory college report](#)

To complete an Experimental Report, connect to The Visitors Club : you will have access to the list of all your proposals (as proposer or co-proposer) for which experimental reports are still missing.

Your privileged access

Registered users, please log in

User name:

Password:

Enter

I have no user name, I want to [become a member](#)
I am already a registered user but I have [forgotten my login](#)
[Help me](#), I encounter problems when connecting.

Monday
7/4/2008

[Grenoble Area
Weather Forecast](#)

Welcome,
Monica



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 - [Accepted Proposals by council where you are Co-Proposer](#)
 - [Acknowledgement of receipt of your proposal 5-14-221](#)
 - [Acknowledgement of receipt of your proposal 7-03-71](#)
 - [Electronic EASY Submission](#)
 - [Register for Experiment\(s\)](#)
 - [Modify your personal data](#)
 - [Submitted Proposals to SC 2008/4 where you are Co-Proposer](#)
 - [Submitted proposals by council where you are Co-Proposer](#)
 - [Health Physics Training](#)
 - [Upload an experimental report](#)
 - [User satisfaction form](#)
- Member of a subcommittee
 - [Submitted proposals by council for college 1](#)
 - [Submitted proposals for all colleges during review](#)
 - [Find proposals by keywords or user](#)
 - [Peer-review for college 1](#)
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 - [Choose college 1 Internal Reviewers](#)
 - [Choose Internal Reviewers for proposals of college 1](#)
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Personal Information

First name

Last Name

Gender

Birth Date

City of Birth

Country

French
number

National
number

Phone number

Email address



* Mandatory fields

Medical Service Information

Current Medical Service: *

SMTC ILL

Medical Service Address

Address:

6 RUE JULES HOROWITZ
BP 156

Postal Code:

38042

City:

Grenoble

Country:

France



* Mandatory fields

Dosimetry Level: *

NE: < 1 mSv/year

B: between 1 & 6 mSv/year

A: between 6 & 20 mSv/year

(A or B levels require a medical authorization)

ILL Health Physics Training

Dear Giovanna CICOGNANI

Welcome to the on-line ILL Health Physics Training.

Please note that:

- > to access **ILL experimental zones** you will have to pass the following test.
- > if you do not pass it, you will not be authorized to access the ILL experimental zones.
- > **80%** of correct answers is necessary to pass the test.
- > The test is valid for **6 months**. After that period you will be asked to retake it.
- > to run the test you need a multimedia PC with [Macromedia® Flash](#) 7.0.22 or higher.
- > For **MAC users** you need to run the test using **FIREFOX 2** a proofreader and you won't be able to save your score
- > Please note that the test lasts around 30 mins.

ILL health physics training history: **You have not yet taken the test.**



HEALTH PHYSICS

Start



More than simply neutrons...

Existing ways to access to the ILL

** = peer reviewed*

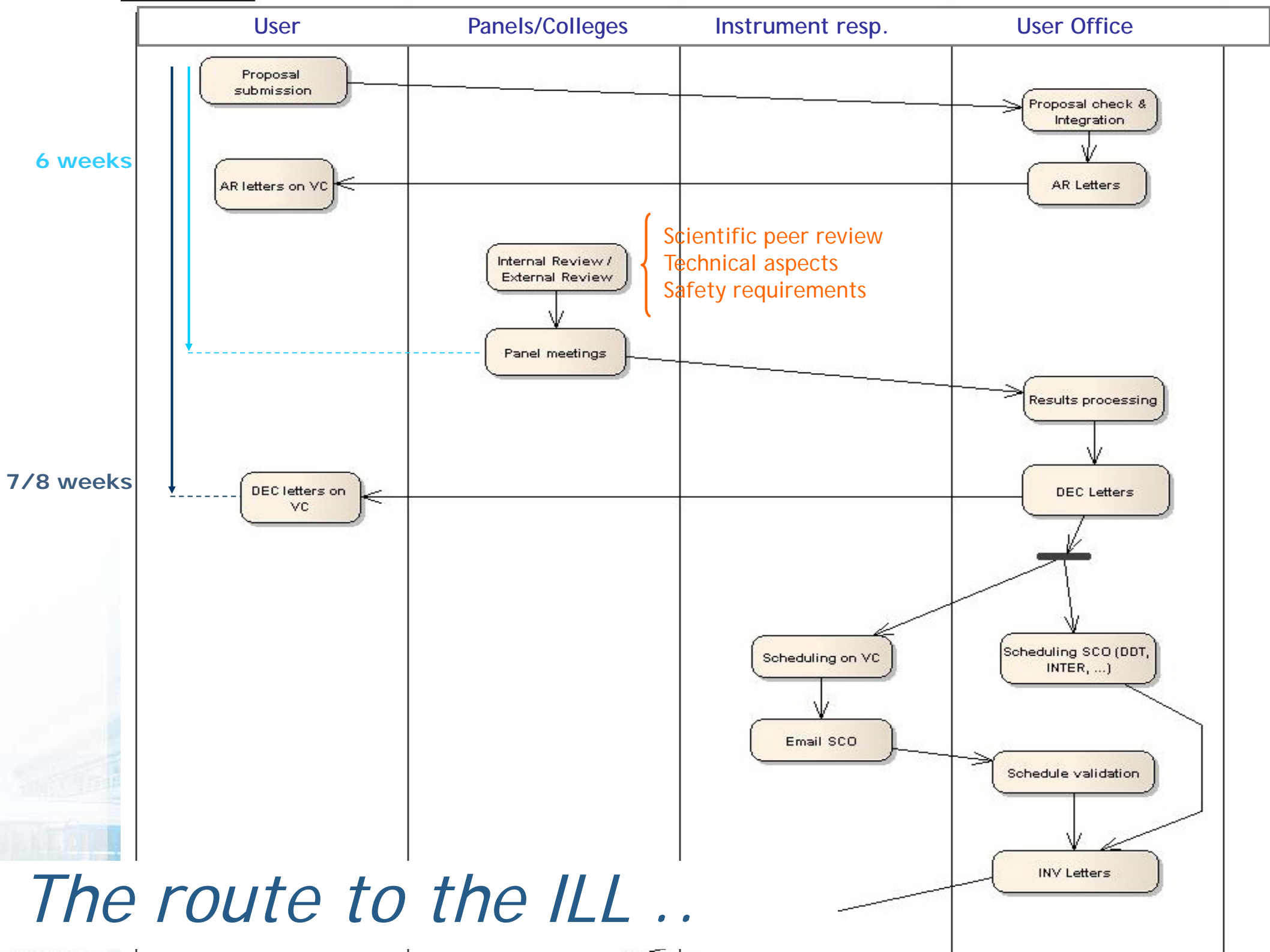
EPS* standard proposal submission

BAGs *

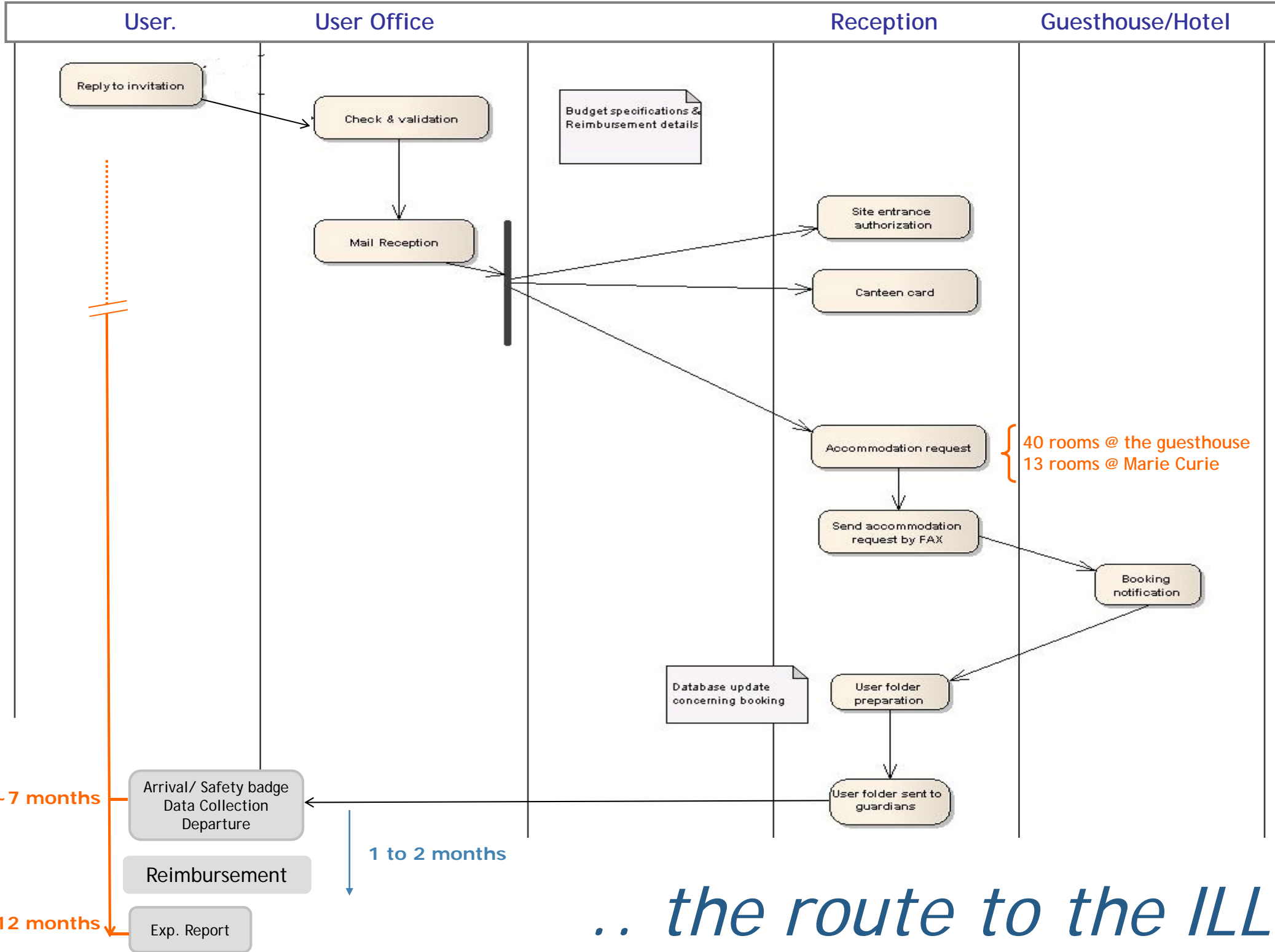
EASY access

LTPs*

DDT, CRG, DEUT*, Internal*, test/industrial time*



The route to the ILL ..



Hardware Settings

- Commands
 - Axis
 - Sample Environment
 - Cold Valve
 - Cryostat Orange
 - Experiment
 - tof_params
 - experiment_info
 - tofcount
 - Chopper

Running now...

- my Scan
- background

Temperature watchdog settings

FOR (13%)

temperature (°K) = 10 to 100 steps of 2

Add

Subtitle

Subtitle

Append for loop step (Temp 12°K)

ToF data collection (52%)

Counting time 2 minutes

Repetition 1

Save data

```

kB 1.4T k=4.1
1 0 0 0 np 41
10K 10kB 1.4T k=4.1
dqh 0.01 0 0 0 np 41
(220) 10K 10kB 1.4T k=4.1
A2
6 0 0 0 dqh 0.01 0 0 0 np 41
10K 10kB 1.4T k=4.1
  
```



Future needs: ILL side

- Instrument control
- Data handling



Future needs: ILL side

- Instrument control
- Data handling
- CRGs, DDT, INTER, Test, INDU, ..

Future needs: common site side

Unique site for scientific research and centre of excellence

High **intense** n-source & equally powerful synchrotron

Multidisciplinary science

1200 highly qualified staff

International user community

8000 visits from all over the world

2700 experiments carried out every year

2000 scientific publications

Scientific **training** and seminars

Building **partnerships** and **synergies**

Future needs: common site side

- Unique ID for the site
- Common procedure for managing users, experiments, tracking results and publications
- Common procedure for check-in/check-out
- Safety procedures

..... pan European approach

- Common user data base
- Data, publications, ...



... thank you for your attention