

**Activity of the USER GROUP
(July 2010- June 2011)**

G.Cardella

Coordinator of the user group:

**G.Casini, P.Figuera, V.Rosso, M.Taiuti
(July 2010 - December 2010)**

**A.Capone, N.Leneindre, S.Romano, V.Rosso
(January 2011 - June 2011)**

TASKs:

G.Casini / N.Leneindre - CS beams

P.Figuera / S.Romano - Tandem Beams

V.Rosso - Applications

M.Taiuti / A.Capone - NEMO

**S.Romano
NEW WEB master**

Status of the LNS from the point of view of the users:

ENSAR has been financed so foreign users can have money for their travel to LNS

Very good results for the upgrading of the fragmentation beam and new ideas for further upgradings

The beam is provided regularly by the CS

EXCYT ^{15}O in study

Cryogenic problems with the Serse Source

Various problems with tandem due to the Belt

Manpower is a general problem - many difficulties for EXCYT - many difficulties to help the users in the experimental halls after retirement of Campagna

What can we do???

Monitor the situation, suggest new initiatives, propose solutions for a better use of the scarce resources.

The End of Run form was believed to be a good instrument

On the web site you find a collection of the results from these forms

Please remember to fill this module - if peoples do not fill it this means that every think was good

We should perhaps still modify a little the form and ask to fill it also when the beam is postponed to better monitor the machine conditions - from the End of Run we do not have any idea about the tandem problems

January-March-2011

October 2009 - February 2010

time preparation enough	need electronics LNS pool	requested module available	acq lns used	effective beam on target	reason for time lost	time to dismount	need LNS service	support satisf.
yes	yes	yes	no			yes	yes	yes
yes	yes	yes				yes	no	
yes	no		no	50%	set-up	yes	yes	yes
yes	yes	yes	no	95%		not needed	yes	yes
yes	no		no	90%			yes	yes
yes	no		perfect	100%		yes	yes	yes
yes	no		no	100%	power fault		yes	yes
yes	no	yes	ok			yes	yes	yes
yes	yes	yes		60%	power fault	yes	yes	yes
yes	no		no	50%	set-up	yes	yes	yes

time preparation enough	need electronics LNS pool	requested module available	acq lns used	effective beam on target	reason for time lost	time to dismount	need LNS service	support satisf.	guest house
yes	yes	yes	very good		changing beam energy	yes	yes	yes	
yes	no		catana	80%	ion source off				comfortable
yes	no		catana	80%	Catana treatments	yes	yes	yes	comfortable
yes	no		no	80%	need to change samples	yes	yes	yes	great service - Hairdryer?
yes	yes	yes		90%	problems due to high level of radiation		yes	yes	good
yes	yes	yes	very good		changing beam energy	yes	yes	yes	
yes	n		no						
yes	yes	yes	properly working	100%	few power fluctuations problems to pc	yes	yes	yes	ok but noisy during the day
yes	yes	yes	diagnostic very fine	90%		yes	yes	very satisfactory	excellent
yes	no					yes	yes	excellent	excellent

Between the other problems of the users there is the one of the missing canteen

This is a long story – It is very difficult and expensive to transform in canteen the rest place in the new guest house building–

G.Ruggieri is organizing a list of restaurants and bar that are available – on request - to send sandwich or other kind of food to LNS

Regarding the guest house peoples are in general happy – some rooms are available (from tomorrow) in the main building to be closer to the experiment –

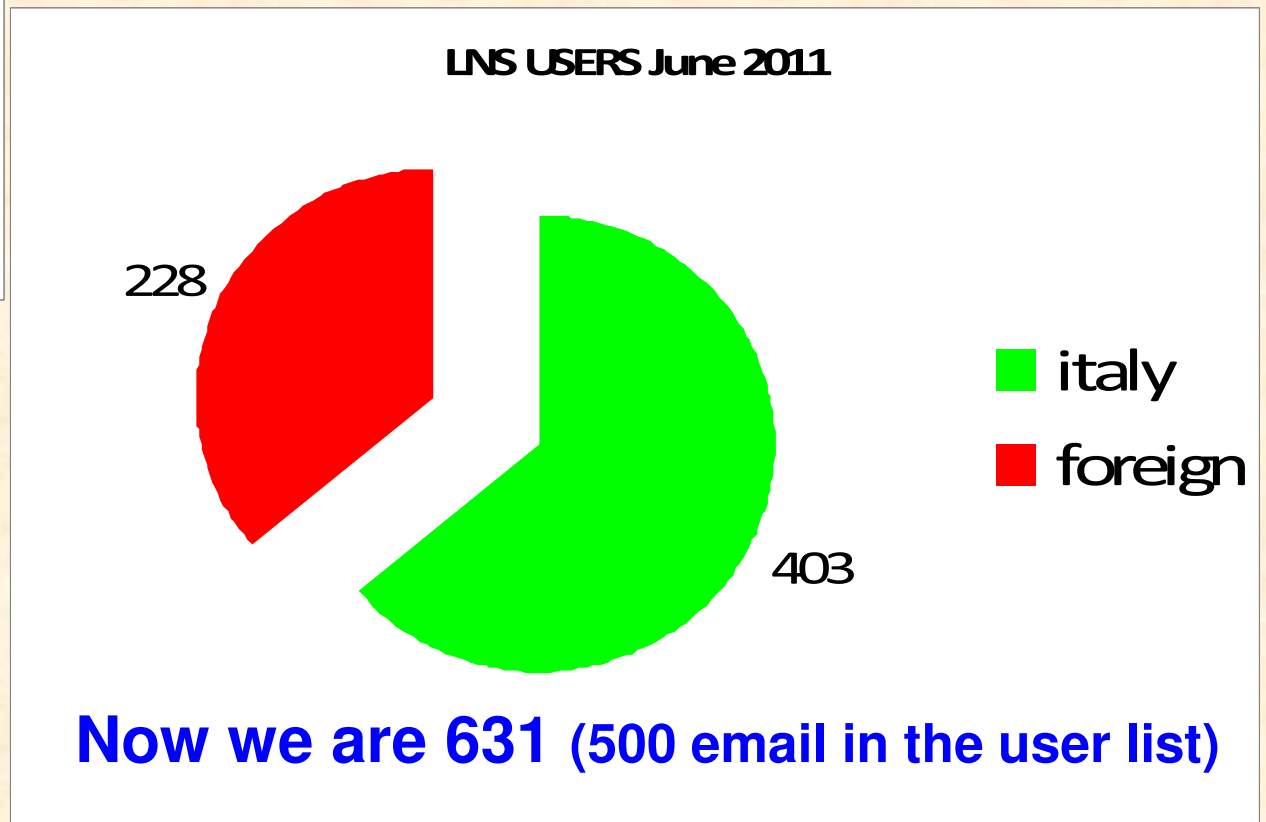
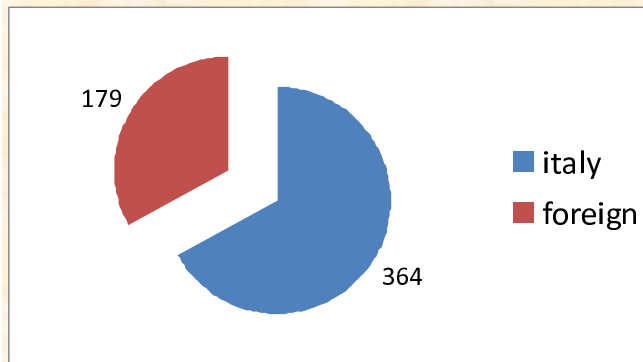
An elevator was mounted to create a wheelchairs access to the guesthouse - we are investigating on the possibility to have also washing machines in the main guest house

Some one asked for hair dryer

It seems that there is some noise during the day so peoples have difficulties to sleep after a night shift – perhaps in the new rooms in the main building it could be better

**Some results on the analysis of the user list updated to the 2010 PAC and
END of RUN modules up to last April**

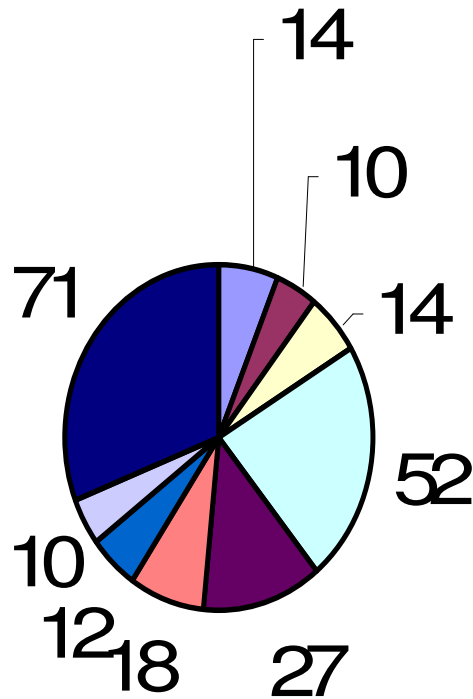
**On June 2010 the users were 543, 179 foreign from 27 countries - around 60
NEMO USERS**



**Note that these are only the active users with at least one
experiment at LNS in the last 3 years**

228 foreign from 30 countries (26 countries last year)

Foreign Users LNS 2011



- Brasil
- canada
- Croatia
- France
- Poland
- Romania
- United King.
- usa
- others

A last problem - Organization of next user meeting

We decided to organize the User Meetings during the same week of the PAC to allow participation of users coming for the PAC -

However this is not always simple for external users - and also peoples from Catania are perhaps busy for the preparation of their PAC presentation

We hope that the video-conference will enable more users to follow the meeting however at the end we will discuss on other possible solutions for the user meeting

One possibility could be to cut the connection "User Meeting-PAC" and for instance organize the 2012 meeting in October also to discuss about new candidates for the next user committee (2013-2014)

We will discuss this as well as the other problems during this meeting

LNS USERS meeting June 22nd 2010

Program

10:30 M.Lattuada: Opening address

10:45 G.Cardella: User-group activity 2010-2011

11:00 D.Rifuggiato: Accelerators

11:30 L.Calabretta: FRIB@LNS the development program, past, present and future

12:00 G.Cardella: Fragmentation beam yields in the CHIMERA hall

12:30 J.A.Scarpaci: MAGNEX-EDEN – a new opportunity for the LNS

13:00 Lunch

15:00 P.Cirrone: The multidisciplinary irradiation beam line at LNS: status and possible improvements

15:30 G.Riccobene: NEMO status and perspectives

16:00 All: Discussion on the organization of next user meeting

17:00 Closing of the meeting