

Few information for NPM and nBLM CDR at CEA Saclay from Feb. 11th to 13th 2019

Mobile phones in case of problem:

- Francesca Belloni: +33 6 28 53 83 24
 - Jacques Marroncle: +33 6 26 13 34 86
 - Thomas Papaevangelou: +33 6 81 93 59 99
 - Laura Segui: +33 6 20 58 15 78
- } please, call them on
Monday, after 9:30

Network: Eduroam

The CDR room is located in Building 472, room 115. Vidyo should be available

Advices

- In case you plan to attend Saclay on the morning, try to arrive at CEA porte Nord early, particularly on Monday,
- **Don't forget your passport or a valid ID for CEA Saclay entrance,**
- If you stay more than 2 days at Saclay, the first day at North gate you will be delivered a badge valid for all your stay along, but you will be asked to leave an **identity document** (don't forget it!). Most of you will be allowed to keep their badges all along their stays. So, if you don't need your ID (or if you have a second one) you will save time for entering into CEA the days after.

Hotels

- Hôtel d'Orsay (close to RER B station "Le Guichet")
+33 1 64 86 17 47
2 rue François Lereux, 91400 Orsay
- Close to Massy-Palaiseau or to a 91.11 bus stop (see page6), as for instance Tulip Hotel
+33 1 70 98 61 18
21 Avenue Des Alliés, Palaiseau
- In Paris: choose hotel close to RER B stations like Les Halles, Saint-Michel, Luxembourg, Port Royal, Denfert-Rochereau, Cité Universitaire...

Program of the NPM CDR

NPM (Non invasive Profile Monitor) →

<https://indico.esss.lu.se/event/1170/>

External referee: Peter Forck (GSI, Germany)

Monday February 11th 2019

10:00 – 11:00 Introduction (Cyrille Thomas, ESS NPM project manager)

11:00 – 12:00 NPM beam test with pMCP + CMOS Read-out: results and conclusion (Florian Benedetti)

12:00 – 13:30 Lunch

13:30 – 14:30 NPM beam test with conductive strips Read-out: results and conclusion (Francesca Belloni)

14:30 – 15:30 Towards NPM manufacturing (Jacques Marroncle)

15:30 – 16:00 coffee break

16:00 – 17:00 installation visit for presentation of the cleaning, assembling, packaging NPM scenario

17:00 – 19:00 Close session

Tuesday February 12th 2019

09:00 – 11:00 close session resuming

11:00 – 12:00 Closeout

Program of the nBLM CDR (1)

nBLM (neutron Beam Loss Monitor) →

<https://indico.esss.lu.se/event/1173/>

External referee: Alexander Zhukov (SNS, USA)

Tuesday February 12th 2019

13:00 – 13:25 nBLM Overview (Irena Dolenc Kittelmann, ESS
nBLM project manager)

13:25 – 13:50 nBLM Detectors (Laura Segui)

13:50 – 14:10 nBLM gas system (T. Papaevangelou / V. Grishin /
Q. Bertrand)

14:10 – 14:30 nBLM FEE and Cables distribution (P. Legou / E.
Bergman)

14:30 – 14:55 Digital platform for nBLM (Fabio Dos Santos Alves)

14:55 – 15:15 coffee break

15:15 – 15:40 Data processing (Irena Dolenc Kittelmann)

15:40 – 16:05 nBLM firmware implementation (Grzegorz
Jablonski)

16:05 – 16:30 nBLM control and monitoring system (Yannick
Mariette)

16:30 – 16:50 Verification plan (Caroline Lahonde-Hamdoun)

17:10 – 18:10 Lab visits and demonstration

18:10 – 19:10 Committee discussions

Program of the icBLM CDR (2)

icBLM (ion chamber Beam Loss Monitor) →

<https://indico.esss.lu.se/event/1173/>

External referee: Alexander Zhukov (SNS, USA)

Wednesday February 13th 2019

09:00 - 09:25 icBLM overview (Irena Dolenc Kittelmann)

09:25 - 09:50 icBLM detectors (Viatcheslav Grishin)

09:50 - 10:15 icBLM cables

10:15 - 10:40 icBLM data processing

10:40 - 11:00 icBLM digital platform (Fabio Dos Santos Alves)

11:00 - 11:20 pico tests (Clement Derrez)

11:20 - 11:45 icBLM FW and SW implementation (Grzegorz Jablonski)

11:45 - 12:00 icBLM verification plan (Clement Derrez)

12:00 - 13:00 Lunch

13:00 - 16:00 committee discussions

16:00 - 17:00 closeout (**joint for nBLM & icBLM**)

To reach Massy-Palaiseau RER station, from Paris you can take the following directions of the **RER B: Massy-Palaiseau, Orsay or Saint-Rémyès Chevreuse**

RER from Paris



Once exit at Massy-Palaiseau station:

- 1- take the footbridge (left wrt RER direction)
- 2- take **91.11 (somewhere here)**
- 3- exit at “CEA porte Nord”

Monday to Friday, winter period

Bus express **91.11: MASSY PALAISEAU → MONTIGNY-LE-BRETONNEUX (direction)**

Massy-Palaiseau Gare	7:15	7:30	7:45	8:00	8:15	8:30	8:45	9:00	9:30	10:30
Palaiseau Ville	7:17	7:32	7:47	8:02	8:17	8:32	8:47	9:02	9:32	10:32
La Vallée	7:19	7:34	7:49	8:04	8:19	8:34	8:49	9:04	9:34	10:34
Camille Claudel	7:21	7:36	7:51	8:06	8:21	8:36	8:51	9:06	9:36	10:36
La Martinière	7:26	7:41	7:59	8:14	8:31	8:46	9:01	9:16	9:41	10:41
Christ de Saclay	7:29	7:44	8:02	8:17	8:34	8:49	9:04	9:19	9:44	10:44
CEA Porte NORD	7:31	7:46	8:04	8:20	8:37	8:52	9:07	9:22	9:47	10:46

Bus express **91.11: CEA Porte NORD → MASSY PALAISEAU**

CEA Porte NORD	11:57	12:56	13:56	14:56	15:59	16:29	17:00	17:20	17:40	18:00	18:20
Christ de Saclay	12:01	13:00	14:00	15:00	16:03	16:33	17:05	17:25	17:45	18:05	18:25
La Martinière	12:03	13:02	14:02	15:02	16:05	16:35	17:07	17:27	17:47	18:07	18:27
Camille Claudel	12:08	13:07	14:07	15:07	16:10	16:40	17:12	17:32	17:52	18:12	18:32
La Vallée	12:10	13:09	14:09	15:09	16:12	16:42	17:14	17:34	17:54	18:14	18:34
Palaiseau Ville	12:12	13:11	14:11	15:11	16:14	16:44	17:16	17:36	17:56	18:16	18:36
Massy-Palaiseau Gare	12:14	13:13	14:13	15:13	16:16	16:46	17:18	17:38	17:58	18:18	18:38

For the whole time table → <http://www.albatrans.net/wp-content/uploads/2018/08/Albatrans-91111-Depliant-hiver.pdf>