Reinterpretation

and

OpenMAPP

mini-workshop

LPSC Grenoble
17-20 June 2024

Open Meta-Analysis in Particle Physics

CHIST-ERA "Open Research Data and Software" project call 2023

2 yrs project centred on the inter-operability of reinterpretation tools

Partners' people involved in the realisation of the project						
Partner NB	Funder (if any)	Country	Institution / Department	Name of the Principal Investigator (PI)	Name of the co-Investigators	Name of the other personnel participating in the project
1 Coord.	ANR	France	LPSC Grenoble	Sabine Kraml		Post-doc
2	TUBITAK	Turkey	Bogazici University	Erkcan Ozcan		Gokhan Unel (advisor) 2 x post-doc 2 x PhD 2 x MSc
3	NCN	Poland	Jagiellonian University	Andrzej Siodmok		Post-doc
4	UKRI	UK	University of Glasgow	Andy Buckley		Post-doc
5	-	France	LPTHE	Benjamin Fuks	Mark Goodsell	
6	-	UK	University College London	Jonathan Butterworth		Christian Gutschow
7	-	UK	Durham University	Graeme Watt		
8	-	Korea	Kyungpook National U.	Sezen Sekmen		Junghyun Lee (PhD)

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Open Meta-Analysis in Particle Physics
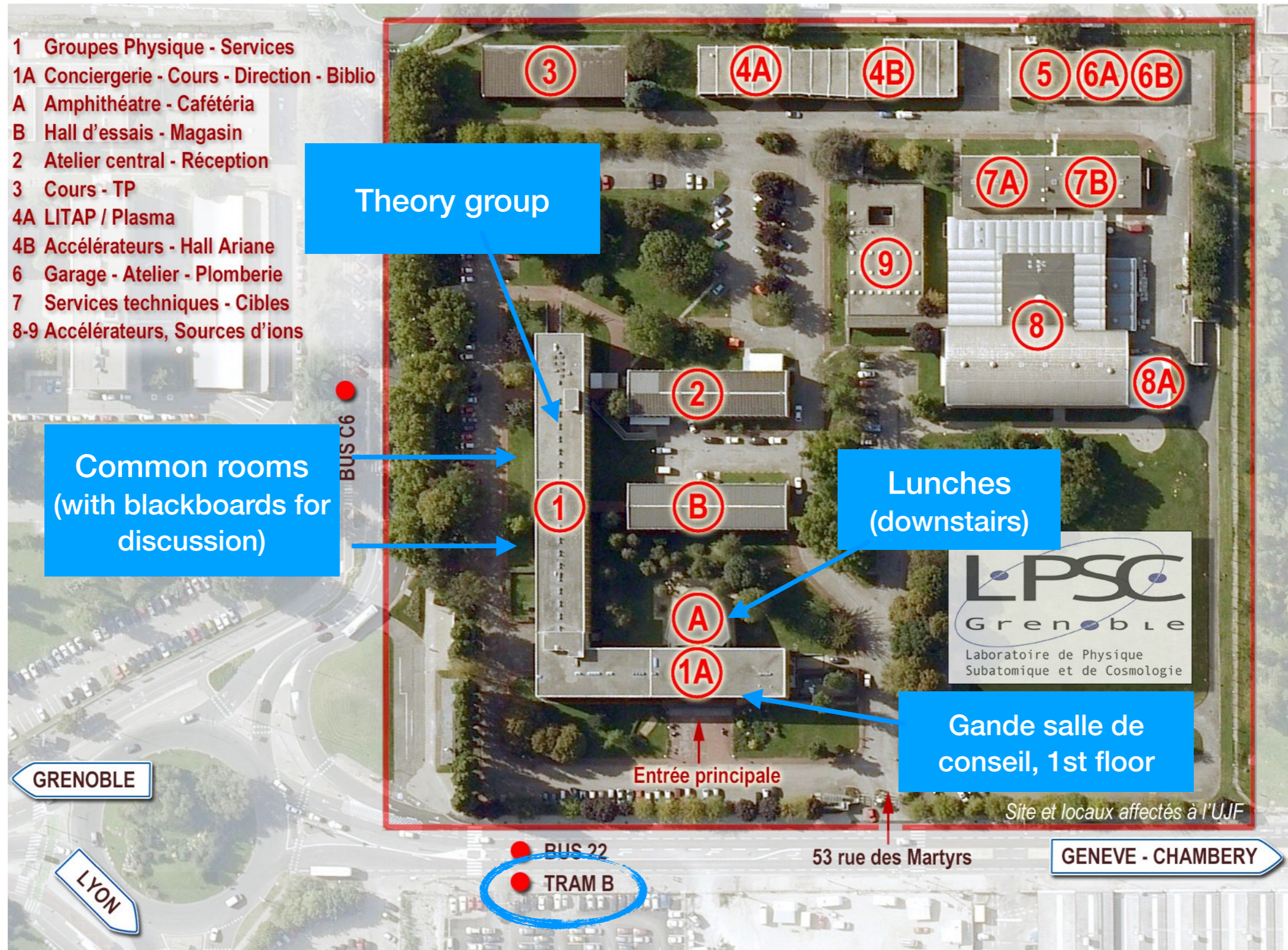
OpenMAPP

Work packages:

1. Data and auxiliary data preservation and access
2. Interoperability of recast frameworks
3. Statistical inference and analysis combination

No	Task name	Lead	Partners	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1.1	Extension of HEPData functionalities	7	4,5,7	x	x	x	x	x	x																		
1.2	Interfacing to HEPData	4	1,2,4,5,6,7	x	x	x	x	x	x	x	x	x	x	x	x												
1.3	Interfacing to LHC Open Event Data	8	2,3,8							x	x	x	x	x	x												
2.1	(Meta)Database of implemented analyses	2	1,2,4,5,6,8			x	x	x	x	x	x	x	x	x	x	x	x	x									
2.2	Common interface for analysis steering and output	4	2,4,5,6,7			x	x	x	x	x	x	x	x	x	x												
2.3	MC interface and common validation infrastructure for recasting frameworks	3	2,3,4,5,6,8													x	x	x	x	x	x	x	x	x			
3.1	Statistical models	1	1,2,4-8								x	x	x	x	x	x	x	x	x	x							
3.2	Enable combinations of analyses	2	1,2,4,5,6,8												x	x	x	x	x	x	x	x	x	x			
3.3	Physics case study	1	1-6,8																					x	x	x	x

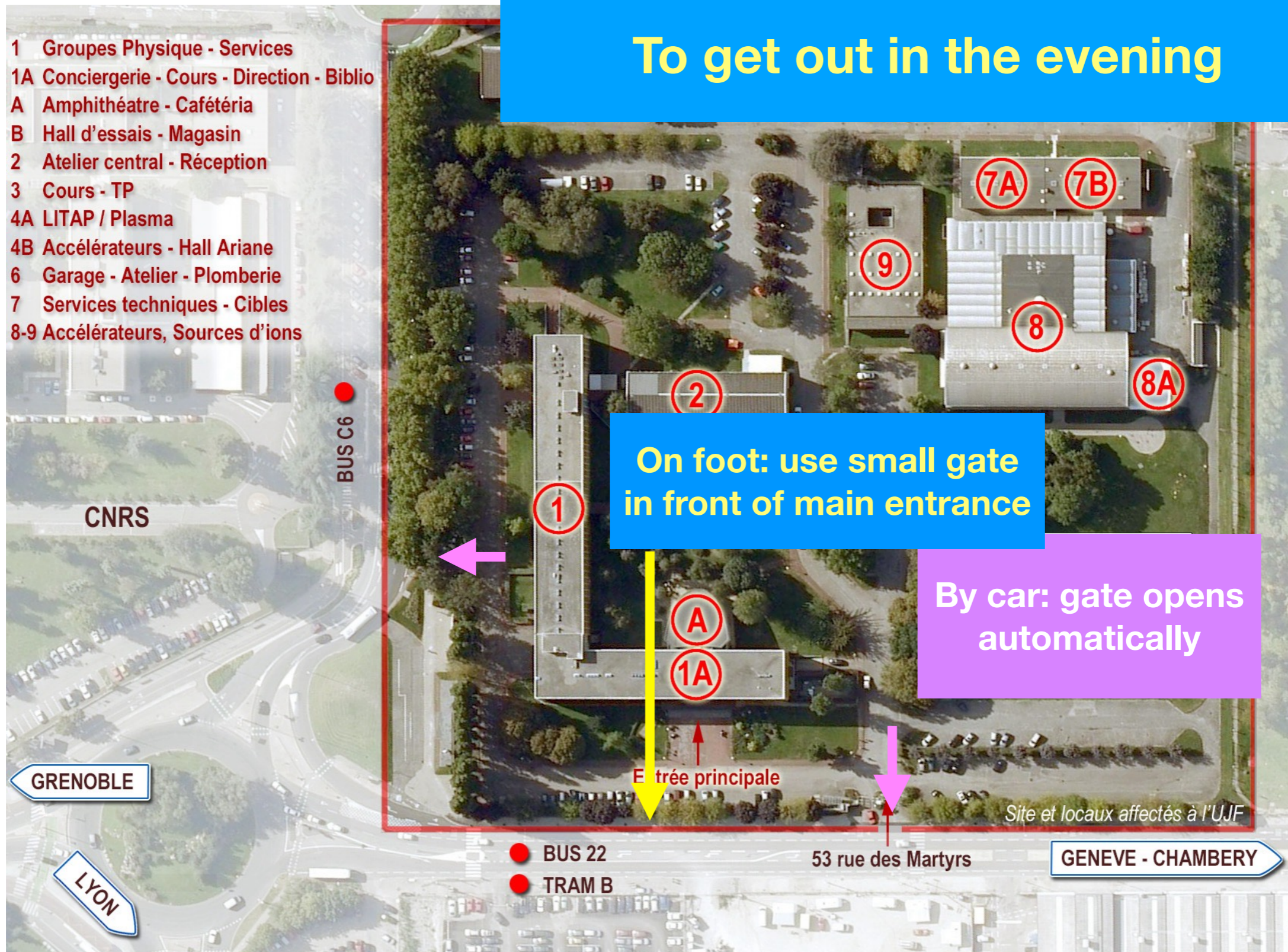**More in the management meeting on Wednesday morning**

Practical details

1   Groupes Physique - Services
1A Conciergerie - Cours - Direction - Biblio
A   Amphithéatre - Cafétéria
B   Hall d'essais - Magasin
2   Atelier central - Réception
3   Cours - TP
4A LITAP / Plasma
4B Accélérateurs - Hall Ariane
6   Garage - Atelier - Plomberie
7   Services techniques - Cibles
8-9 Accélérateurs, Sources d'ions

Theory group

Common rooms
(with blackboards for
discussion)

Lunches
(downstairs)

Gande salle de
conseil, 1st floor

BUS C6

GRENOBLE

LYON

BUS 22

TRAM B

Entrée principale

53 rue des Martyrs

GENEVE - CHAMBERY

Site et locaux affectés à l'UJF

LPSC
Grenoble
Laboratoire de Physique
Subatomique et de Cosmologie

Practical details

LPSC
GRENOBLE | MODANE

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To get out in the evening

On foot: use small gate in front of main entrance

By car: gate opens automatically

BUS C6

CNRS

7A 7B

9

8

8A

2

1

A

1A

Entrée principale

BUS 22

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GRENOBLE

LYON

GENEVE - CHAMBERY

To get out in the evening

Push this button to open the gate

Practical details

- Meeting room and shared office space Mon-Thu: **this room**.
  Door code: C2460X

- Tuesday p.m. talks in the Grand Amphi across the corridor

- **Wifi**: **Eduroam** (recommended) or LPSC-Guest

  To use LPSC-Guest, you have to register (log-in screen opens upon first connection) and choose a local contact for validation

- Guard at the **main gate** is present **until 14:30 only**. Outside this time the gate is closed; you need somebody to let you in → share phone numbers

- If you need to skype/zoom, we can provide you an office.

Practical details

- Buffet **lunch** will be provided in the cafeteria downstairs; offered by the project; picnic tables at the terrace outside

- **Coffee**, tea, cookies: provided privately by me (simpler…).

  A small contribution will be appreciated → I'll put a box next to the Nespresso machine

  (10 Nespresso capsules = 4€; 1 box of cookies ~ 3€)

- If you take a coffee in the common room, please pay it directly there (20 cts/coffee in the piggy box)

- We don't have any dishwasher → please wash your cups !

Timetable on Indico is flexible – the main thing is to have fruitful exchanges, develop new ideas and collaborate

Enjoy the meeting