



Laboratoire d'Annecy de Physique des Particules

Bridging High-Energy Astrophysical Modelling and Lorentz  
Invariance Violation Studies :  
Welcome and introduction  
Sami Caroff (LAPP)  
04 February 2026

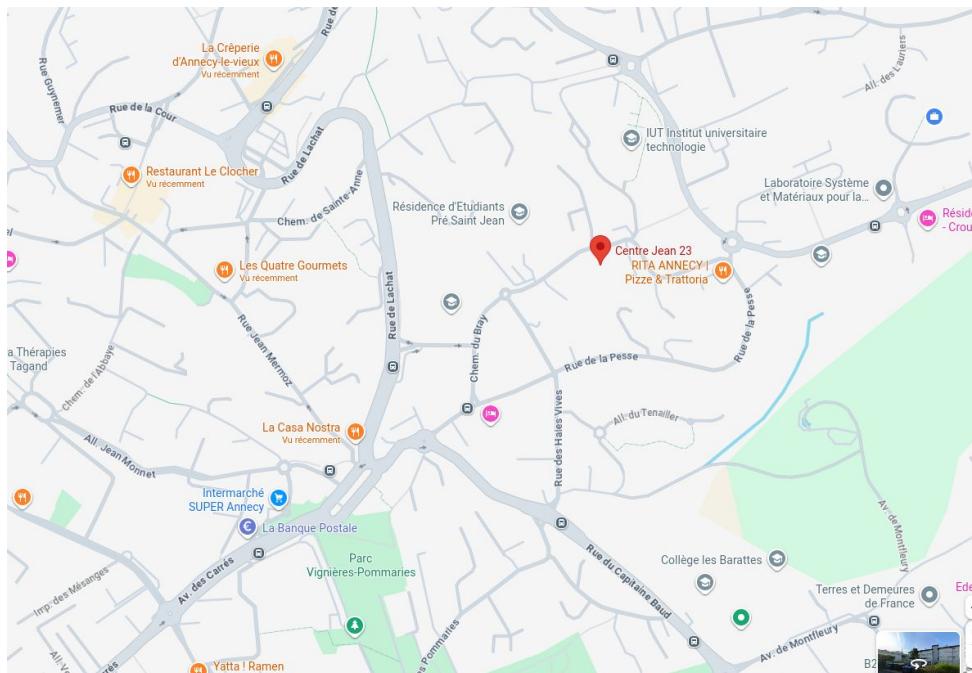


<https://indico.in2p3.fr/event/37528/>

- If any issue, local crew :
  - Sami Caroff [sami.caroff@lapp.in2p3.fr](mailto:sami.caroff@lapp.in2p3.fr),
  - Corinne Feullar [feullar@lapp.in2p3.fr](mailto:feullar@lapp.in2p3.fr),
  - Caroline Degouilles [degouilles@lapp.in2p3.fr](mailto:degouilles@lapp.in2p3.fr)
  - Sophie Lieunard [slieunar@lapp.in2p3.fr](mailto:slieunar@lapp.in2p3.fr)
- Scientific organising committee :
  - Julien Bolmont - Sorbonne Université, LPNHE, Paris, France
  - Sami Caroff - LAPP Annecy, France
  - Giulia Gubitosi - University of Napoli, Italy
  - Philip Reščić - University of Rijeka, Croatia
  - Tomislav Terzić - University of Rijeka, Croatia
- If you experience or observe a situation related to discrimination, harassment, or sexual violence, you may reach out to the contact person: Cyann Plard [cyann.plard@lpnhe.in2p3.fr](mailto:cyann.plard@lpnhe.in2p3.fr)

- Eduroam is accessible in all the lab
- Wifi code is available inside your badge if no Eduroam
- Do not forget to sign the presence paper everyday, it is mandatory to be refunded by the cost action
- Lunch will take place in the lab (12h30-14h)
- Social dinner will be Thursday 5, 19h30, in “Brasserie Saint Maurice” : <https://stmau.com/fr/>
- In the “city” center, 20 minutes by bus (bus number 1)

- Many restaurant I never tried in the city center, quality is in general very good (so you can go randomly in the restaurant you want)
- Local, Savoy (full of cheese) : Le Fréti, Chez Mamie Lise
- near Jean XXIII : Le Clocher (french), RITA (Italian), Casa Nostra (Italian), the Roster (Burger)
- bar (city center) : café des arts, Finn Kelly's, Captain Pub



## Waste

No pick-up in the meeting – conference rooms

**Personal / Voluntary contribution by each participant at the collection point:**

la Grande galerie

The Coffee-room / Cafeteriat

Separate and dispose of waste according to the symbols on the containers.

## Breaks & meals

We encourage vegetarian meals whenever possible and local products.

The cutlery we provide is the property of LAPP, and the dishes offered by our service providers are served in reusable containers. This allows us to limit the use of non-reusable packaging.

**At the end of the meal, we ensure that any leftover and waste is properly thrown away.**

**You do not need to do anything.**

## Smokers

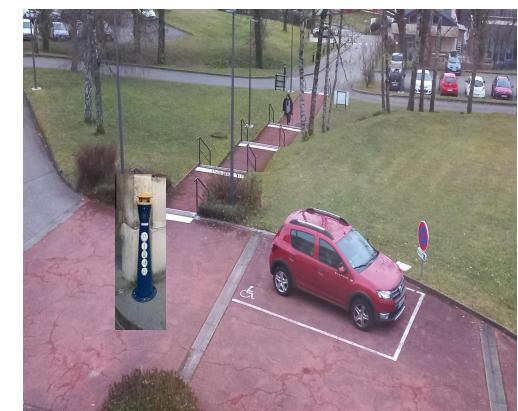
Smoking and vaping are prohibited. **EXCEPT:**



At the back of  
Grande Galerie



Square



- Disentangling “beyond the paradigm” probes from standard “in-paradigm” ones have always been difficult to tackle
- Quantum Gravity doesn’t escape this rules, disentangling standard astrophysics to QG manifestation has always been the main criticism to our work
- The goal is to bring expert from QG signature search, source modelling and observation theory together, with the aim to be as well multi-messenger and multi wavelenghts
- This problem have been thought (at least on my side) mostly in our area of expertise, but the problem is by nature multi-probes, multi-wavelength and multi-messenger (due to the multiplicity of nature of QG signature)
- The goal is to go beyond the monochromatic way of thinking the problem, to try to think more out of the box
- Plenty of time for discussion, feel free to ask questions during the talk, there is as well plenty of time after the talk for discussion

08:00	<b>Welcome and registration</b>  <i>Auditorium, LAPP</i>	08:00 - 09:00
09:00	<b>Introduction</b>	
10:00		
	<i>Auditorium, LAPP</i>	09:00 - 10:30
	<b>Coffee Break</b>	
	<i>Auditorium, LAPP</i>	10:30 - 11:00
11:00	<b>State-of-the-art LIV studies with photons</b>	
12:00		
	<i>Auditorium, LAPP</i>	11:00 - 12:30
	<b>Lunch</b>	
13:00		

	<b>Lunch</b>	
13:00		
	<i>Auditorium, LAPP</i>	12:30 - 14:00
14:00	<b>State-of-the-art LIV studies with photons</b>	
15:00		
	<i>Auditorium, LAPP</i>	14:00 - 15:30
	<b>Coffee Break</b>	
	<i>Auditorium, LAPP</i>	15:30 - 16:00
16:00	<b>GRB modelling</b>	
17:00		
	<i>Auditorium, LAPP</i>	16:00 - 17:30

09:00	<b>4 - AGN modelling and observation</b>	
10:00	<i>Auditorium, LAPP</i>	09:00 - 10:30
	<b>2 - Coffee Break</b>	
	<i>Auditorium, LAPP</i>	10:30 - 11:00
11:00	<b>4 - AGN modelling and observation</b>	
12:00	<i>Auditorium, LAPP</i>	11:00 - 12:30
	<b>Lunch</b>	
13:00		12:30 - 14:00

13:00



14:00



15:00



16:00



17:00



18:00

# Group Photo !



