



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/>

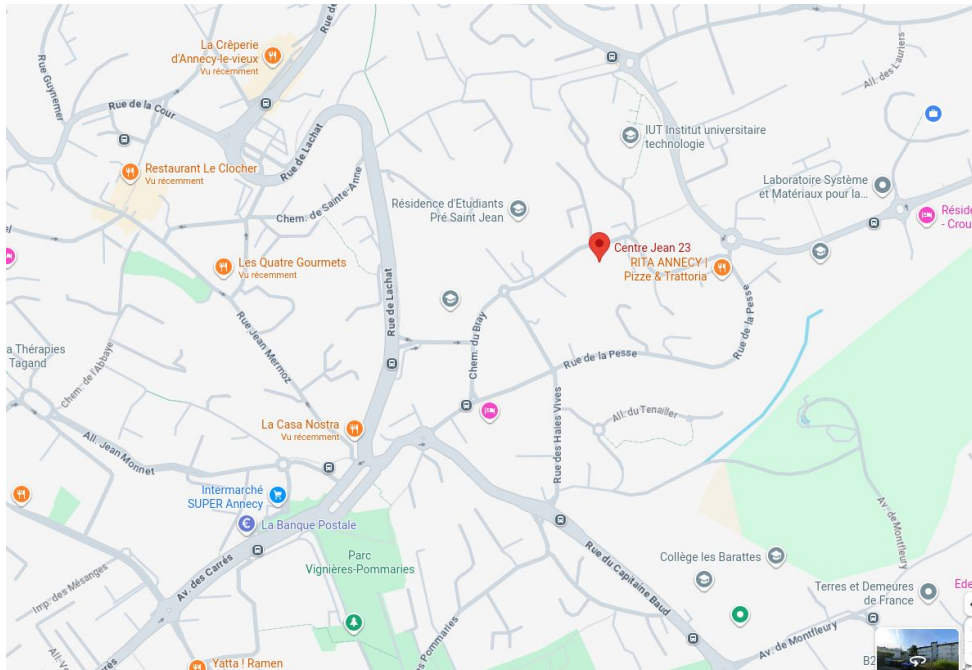
- If any issue, local crew :
 - Sami Caroff sami.caroff@lapp.in2p3.fr,
 - Corinne Feullar feullar@lapp.in2p3.fr,
 - Caroline Degouilles degouilles@lapp.in2p3.fr
 - Sophie Lieunard slieunar@lapp.in2p3.fr

- 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

- 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



LAPP has started an environmental approach

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.

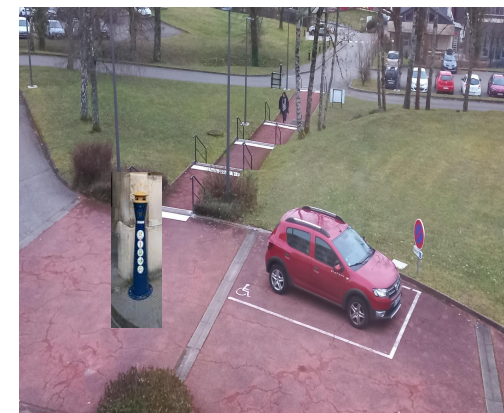
Smokers

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

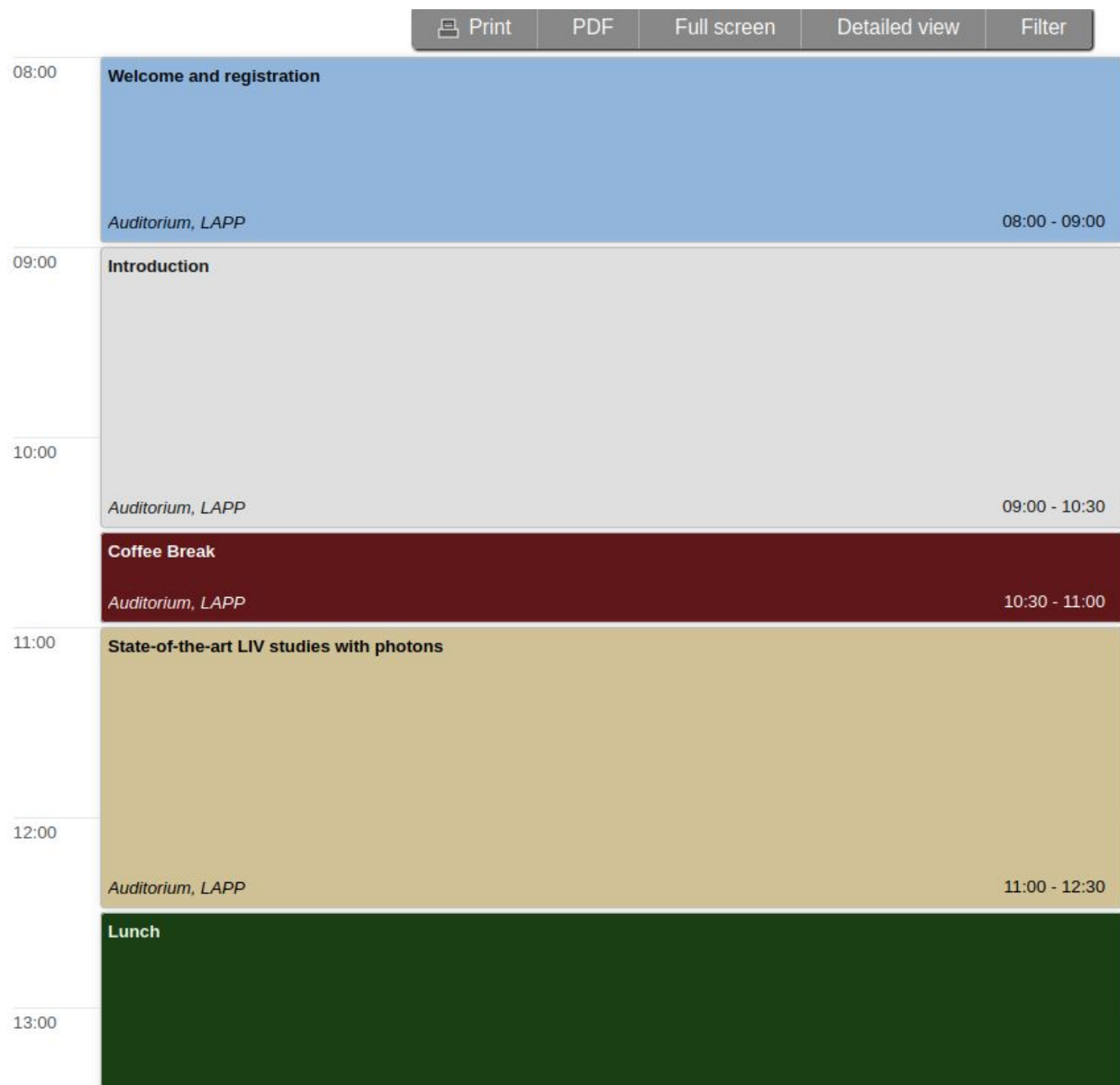
At the back of
Grande Galerie



Square

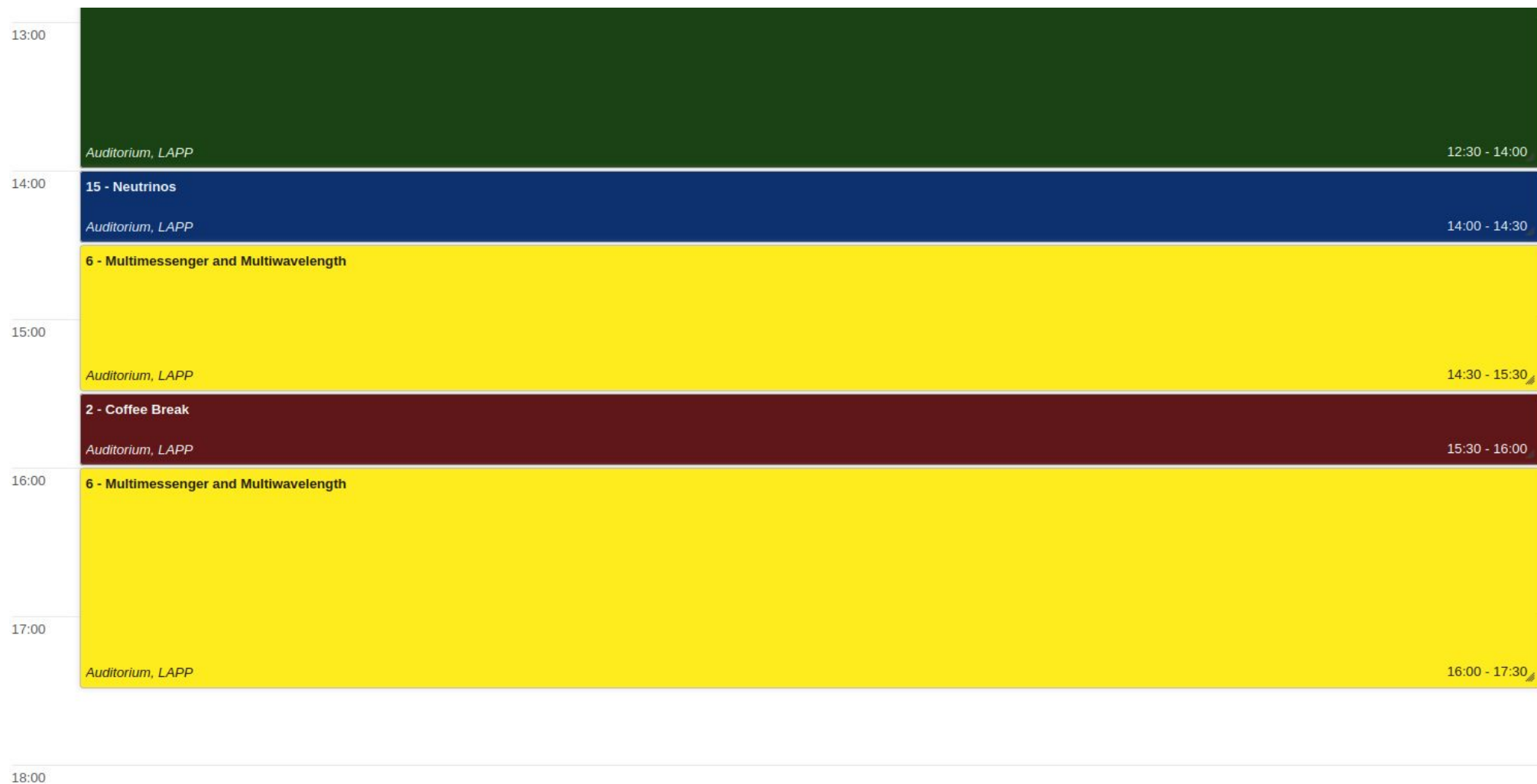


- Disentangling “beyond the paradigm” probes from standard “in-paradigm” ones have always been difficult to tackle
- Quantum Gravity doesn’t escape this rules, disentangling standard astrophysics to QG manifestation has always been the main criticism to our work
- The goal is to bring expert from QG signature search, source modelling and observation theory together, with the aim to be as well multi-messenger and multi wavelengths
- 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





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



Group Photo !

09:00	7 - Disentangling LIV timelag from astrophysical effects <i>Auditorium, LAPP</i>	09:00 - 10:00
10:00	8 - What next ? Discussion on collaborative work, opportunities and funding <i>Auditorium, LAPP</i>	10:00 - 10:30
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