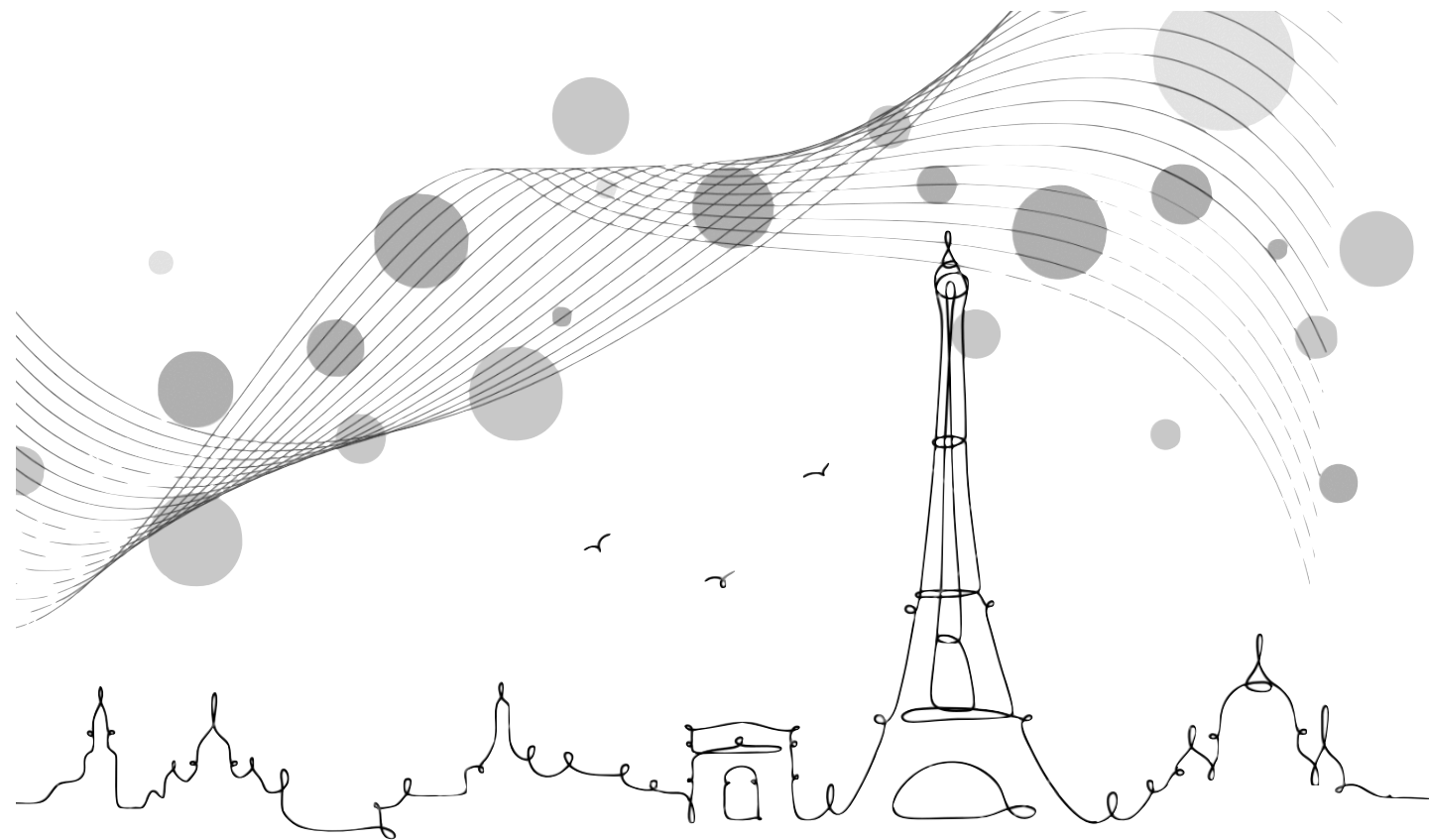


Paris workshop on primordial black holes and gravitational waves

*Institut Henri Poincaré
Ampithéâtre Yvonne Choquet-Bruhat
27-29 November 2023*



WELCOME!

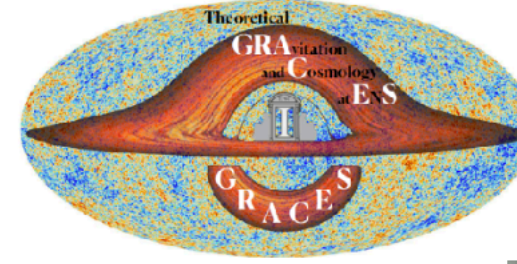


Astrophysics, Cosmology and Gravitation Axis



Cosmology and Gravitation team

(new team created in july 2022)



GRAvitation and Cosmologie @ EnS

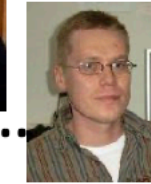
Permanent team members:

- Cédric Deffayet
- Vincent Vennin



Permanent visitors:

- Daniele Steer (Paris Cité U.).....
- Laura Bernard (LUTH Meudon).....
- Eugeny Babichev (IJC Lab Orsay).....



Postdocs :

- Chiara Animali.....
- Dimitrios Kranas.....
- Lucas Pinol.....
- Aaron Held.....



PhD students:

- Vadim Briaud...
- Irène Urso....



Research at GRACES team concerns both early and late time universe, as well as gravitation, from a theoretical physics standpoint

Organisers :

Chiara Animalì

Vadim Briaud

Lucas Pinol

Vincent Vennin

(Laboratoire de Physique de l'École normale supérieure, LPENS, Paris)

Support from:



Emergence@INP

Practical info :

- Keep your name badge with you:
it avoids security checks at the entrance every time.
- Coffee breaks in the outdoor area before entering the amphitheatre:
Grand salon Emmy Noether.
The outdoor terrace is also accessible.
- Lunch breaks: there are many options close by.
- The building closes at 6 pm sharp: leave the building by that time.

Practical info :

- Internet connection:  “IHP-Guest” network

1) Select “IHP-Guest” network.

2) In the pop-up window, click on the button “**Receive your credentials on this portal**”.



If the pop-up window doesn't open, try turning off the wifi and reconnecting to IHP-Guest and eventually “forget” the IHP-Guest network in your settings before trying to reconnect to it.

3) Fill in the registration form with your name, surname and e-mail address, and click on the “**Register**” button.

4) You now have your login and password for the current day.
They will be prefilled for your login on the device. Click on the “**Back**” button.

5) Your login and password are pre-filled in the form.
Accept the “Hotspot Service User Agreement” by **ticking the box**.
Then click on the “**Connect button**”.

6) You are now connected to the IHP-Guest wifi service.
Close the window on your device , then launch your web browser.

Practical info :

- For speakers:
please provide your slides by the day before your presentation.

Upload them on the indico website of the workshop:

<https://indico.in2p3.fr/event/30600/>

E-mail them to one of us:

chiara.animali@ens.fr; vincent.vennin@ens.fr

Practical info :

Final discussion session on Wednesday 29 afternoon around 3 p.m.

We need your input!

Scan the QR code and vote for your favourite questions,
or add your own.

We will discuss them together.

You can find the QR code on the Indico website of the workshop and
in a printed version in the amphitheatre and in the coffee break area.

[qr.codes/3qohL4](https://indico.cern.ch/qr.codes/3qohL4)



You can find these slides on the Indico website of the workshop.

For any other information or needs please ask the organisers.

Thanks for the attention!



we wish everyone a good workshop!