

Théorie, Univers et Gravitation

LPENS, salle Jean Jaurès, 10-12 Oct. 2023

LPENS
LABORATOIRE DE PHYSIQUE
ET D'ASTRONOMIE
LUMIÈRE

LUPM
LABORATOIRE D'UNIFORMISATION
DE LA MÉCANIQUE

CNRS
INSU
IN2P3

GRAM

PNCO

PNHE

ff
FONDS ALEXANDRE
FRIEDMANN

Organisateurs : Laura Bernard (LUTH), Philippe Brax (IPhT), Cédric Deffayet (LPENS), Julien Laval (LUPM), Pasquale Serpico (LAPTh), Vincent Vennin (LPENS), Filippo Vernizzi (IPhT)

Welcome!

TUG – THEORY, UNIVERSE, AND GRAVITATION

Website of the French TUG scientific community

[Home Page](#)



[Scientific committee](#)

[TUG workshops](#)

HOME PAGE

Join our mailing list! [LIST](#).

The TUG scientific community has porous borders within the more general field of Theoretical Physics (mostly) in France. It comprises researchers working in cosmology (primordial universe or large-scale structures), in gravitation (classical strong or weak-field regime, beyond General Relativity, quantum gravity, etc.), in particle astrophysics or particle cosmology, or in mathematical physics and field theory. This covers a very broad panel of topics, e.g.: inflation, topological defects and phase transitions, dark energy and dark matter, cosmological perturbations, modified gravity, etc. As broad as the associated physical objects or observables of interest: black holes, cosmological probes (cosmic-microwave background, galaxy or supernova survey, weak or strong lensing, etc.), gravitational waves, multimessenger astronomy, or even laboratory experiments.

Organising committee

Laura Bernard (LUTH-Meudon)
Philippe Brax (IPhT-Saclay)
Cédric Deffayet (LPENS-Paris)
Julien Laval (LUPM-Montpellier)
Pasquale Serpico (LAPTh-Annecy)
Vincent Vennin (LPENS-Paris)
Filippo Vernizzi (IPhT-Saclay)

Support from...



INP, IN2P3, INSU





Groupement de recherche
Ondes gravitationnelles

indico.in2p3.fr/event/30339/

Journée des groupes de travail "Cosmologie" et "Tests de la relativité générale et théories alternatives" du GdR Ondes Gravitationnelles

13 October 2023
LPENS, Paris
Europe/Paris timezone



Overview

Timetable

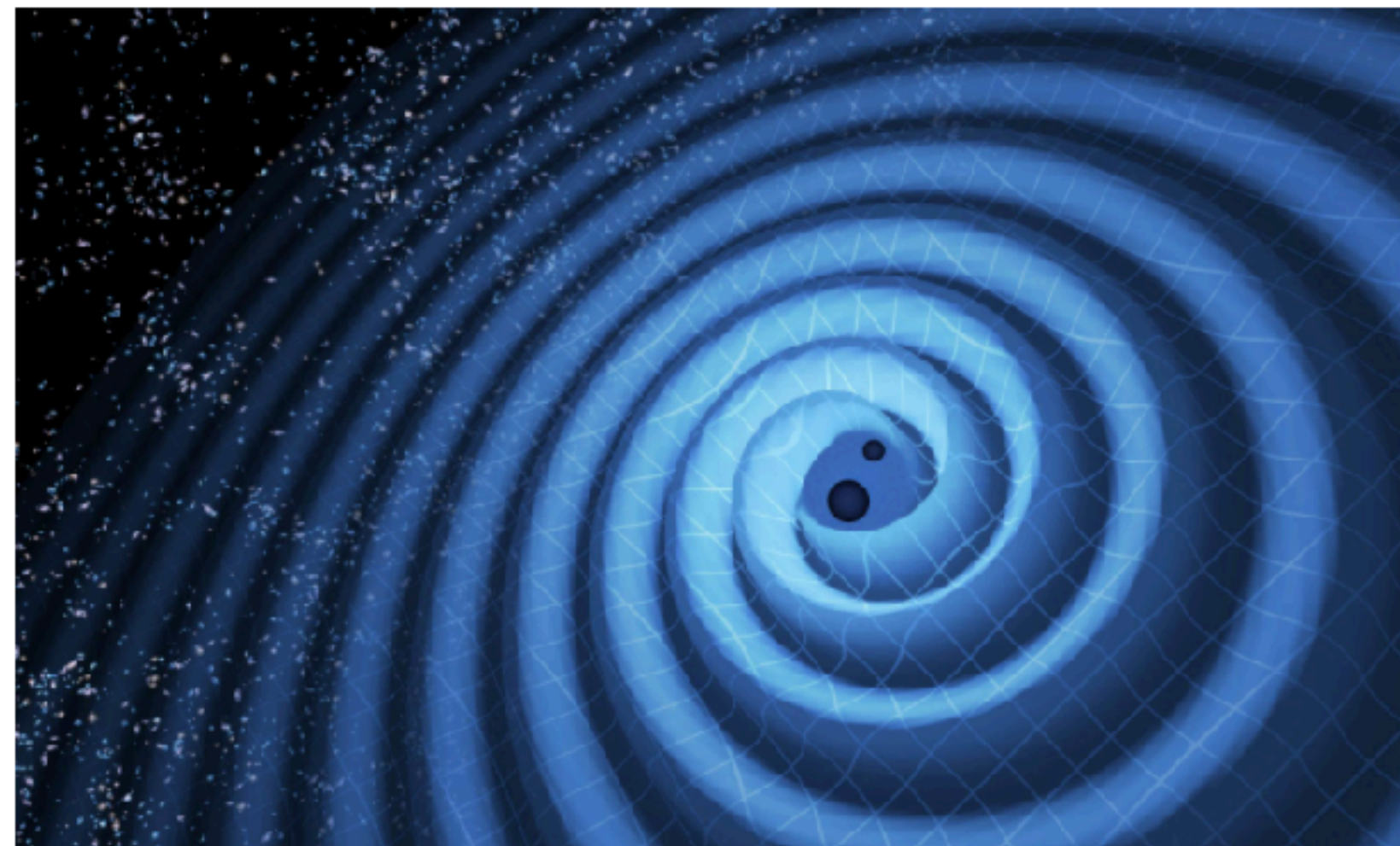
Contribution List

Registration

Participant List

Contacts

✉ karim.ncui@ijclab.in2p3.fr



Groupes de travail "Cosmologie" et "Tests de la relativité générale et théories alternatives" (Image issue de <https://gdrgw.in2p3.fr/>)

La rencontre commune des groupes de travail "Cosmologie" et "Tests de la relativité générale et théories alternatives" du GdR Ondes Gravitationnelles se déroulera le vendredi 13 octobre 2023 au LPTENS, Paris 5. Elle fait suite à la conférence "Théorie, Univers et Gravitation" (TUG) (<https://indico.in2p3.fr/event/29276/>).

L'inscription est libre mais obligatoire. Elle sera ouverte jusqu'au 13 septembre 2023.

Comité d'organisation:

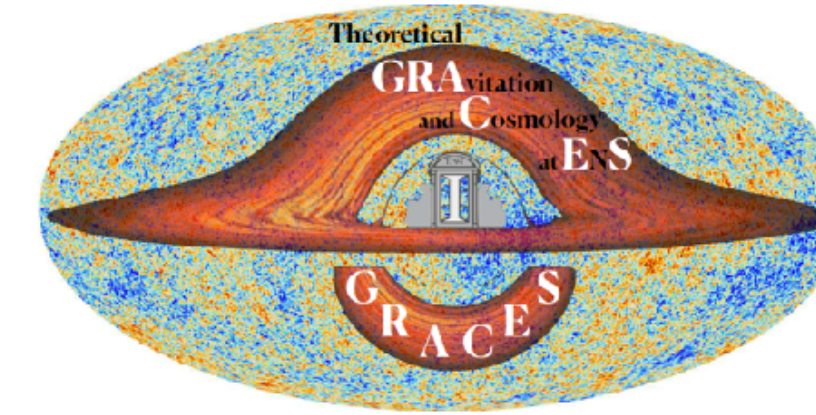
Eugeny Babichev (IJCLab, Orsay)
Luc Blanchet (IAP, Paris)
Giulia Cusin (Université de Genève & IAP, Paris)
Karim Noui (IJCLab, Orsay)
Tania Regimbau (LAPP, Annecy)
Nicola Tamanini (L2IT, Toulouse)

Astrophysics, Cosmology and Gravitation Axis





Cosmology and Gravitation team

(new team created in july 2022)

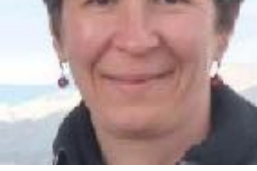




GRAvitation and Cosmologie @ EnS

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

TUG 2024: see you in Annecy!



In practice

- To the speakers: please send your slides to one of the organisers *prior* to your talk
- Coffee breaks: opposite to the amphitheatre
- Lunch: many options close by!
- Wifi: eduroam
- Any question: please ask a local! easy to recognise

