

# GdR CoPhy

Groupement de Recherche Cosmological Physics  
*"Research Network"*

Yearly General Assembly  
Clermont-Ferrand  
June 1-3, 2026

Josquin Errard (APC, director)  
Samuel Boissier (LAM, co-director)  
Vincent Vennin (ENS, co-director)

# GdR CoPhy: Federating the French cosmology community

## Our Main objectives

- ✓ Connect sub-communities
- ✓ Promote cross-fertilization between theory, observations, simulations and methods
- ✓ Support young researchers
- ✓ Increase visibility and coordination of French cosmology

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**Fundamental laws**

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**WG Theory, Universe and Gravitation (TUG)**

**WG Dark Energy (ADE)**

**WG Tools & Methodology**

**WG Cosmic Microwave Background (CMB)**

**+ Task Forces: Anomalies • Cross-correlations • Gravitation • String Theory**

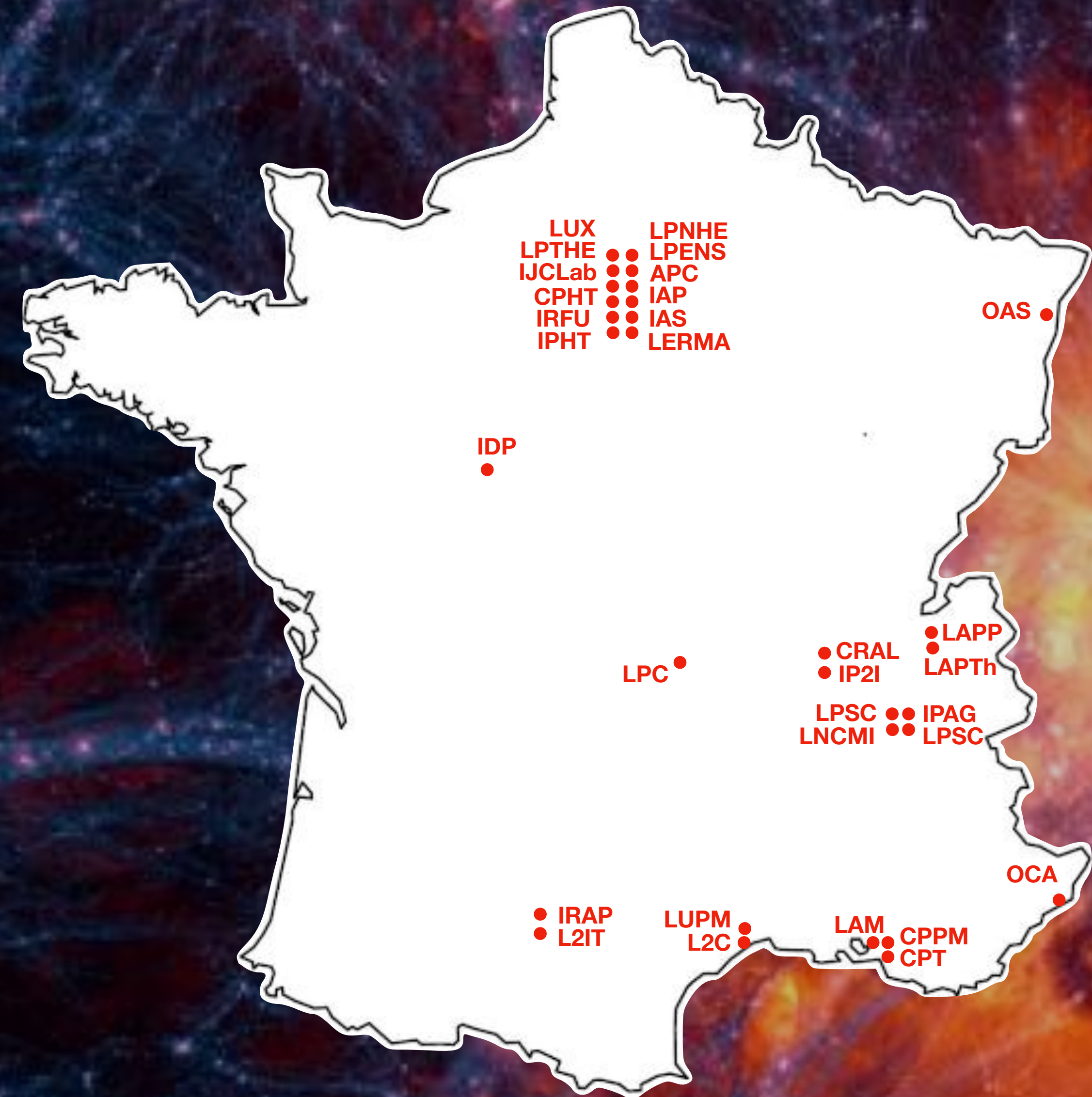
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# GdR CoPhy community



APC	AstroParticule et Cosmologie, CNRS/IN2P3 & Université de Paris, CEA, Observatoire de Paris	24
CPB	Centre Pierre Binetruy CNRS/Université de Berkeley-USA	2
CPHT	Centre de Physique Théorique CNRS/INP et École Polytechnique	8
CPPM	Centre de Physique des Particules de Marseille, CNRS/IN2P3 & AMU	7
CPT	Centre de Physique Théorique de Marseille, CNRS, Aix-Marseille-Université et Université de Toulon	4
CRAL	Centre de Recherche Astrophysique de Lyon Université Claude Bernard Lyon 1, ENS de Lyon et CNRS.	4
IRFU	Institut de Recherche sur les lois fondamentales de l'Univers, CEA	20
IAP	Institut d'Astrophysique de Paris, CNRS/INSU & Sorbonne Université	26
IAS	Institut d'Astrophysique Spatiale, UMR 8617, CNRS/INSU & Université Paris Saclay	7
IDP	Institut Denis Poisson, CNRS- Tours/Orléans	1
IJCLab	Laboratoire de Physique des 2 infinis Irène Joliot-Curie, CNRS/ IN2P3 & Université Paris Saclay & Université de Paris	19
ILANCE	International Laboratory for Astrophysics, Neutrino and Cosmology Experiments IN2P3/CNRS and University of Tokyo	1
IPAG	Institut de Planétologie et d'Astrophysique de Grenoble (IPAG) , CNRS/INSU et Université Grenoble Alpes.	2
IP2I	Institut de Physique des deux infinis de Lyon, CNRS/IN2P3 et Université Claude Bernard	7
IPHT	Institut de Physique Théorique, CNRS/INP & CEA	7
IRAP	Institut de Recherche en Astrophysique et Planétologie, CNRS/INSU & Université Paul Sabatier	5
LAM	Laboratoire d'Astrophysique de Marseille, CNRS/INSU & AMU	10
LAPP	Laboratoire d'Annecy de Physique des Particules, CNRS/IN2P3 & Université Savoie-Mont-Blanc	3
LAPTh	Laboratoire d'Annecy de Physique Théorique, CNRS/INP et USMB	4
LERMA	Laboratoire d'Étude du Rayonnement et de la Matière en Astrophysique et Atmosphères, CNES/INSU & Observatoire de Paris & UPMC	8
LNCMI	Laboratoire National des Champs Magnétiques Intenses CNRS, INSA Toulouse, Université Grenoble Alpes et Université Paul Sabatier	2
LPC	Laboratoire de Physique - Clermont, CNRS/IN2P3 et Université Clermont Auvergne	6
LPENS	Laboratoire de Physique de l'École Normale Supérieure, ENS, CNRS, Sorbonne Université et l'Université Paris Cité	2
LPNHE	Laboratoire de physique nucléaire et de hautes énergies, CNRS/IN2P3 , Sorbonne Université et Université Paris Cité.	12
LPSC	Laboratoire de physique subatomique et de cosmologie de Grenoble, CNRS/IN2P3, Université Grenoble Alpes et école Grenoble INP	11
LPTHE	Laboratoire de Physique Théorique et des Hautes Énergies, CNRS, Sorbonne Université	5
LUPM	Laboratoire Univers et Particules de Montpellier, CNRS/IN2P3, CNRS/INSU, CNRS/INP	8
LUX	Laboratoire d'étude de l'Univers et des phénomènes eXtrêmes (LUX), CNRS, Observatoire de Paris, Sorbonne Université	9
L2C	Laboratoire Charles Coulomb, CNRS et Université Montpellier	6
L2IT	Laboratoire des 2 infinis, Toulouse, CNRS/IN2P3	3
OAS	Observatoire astronomique de Strasbourg Université de Strasbourg, CNRS et Unistra.	6
OCA	Observatoire de la côte d'Azur	5
<b>TOTAL</b>		<b>244</b>



Centre Pierre Binétruy (CPB, UC Berkeley)



ILANCE (University of Tokyo)

~ 250 researchers  
30+ labs

# GdR CoPhy past events

direction:

- Sophie Henrot-Versillé (2022-2025)
- Josquin Errard (2025-today)

Année	Intitulé	Lien	Détails
2023	Kick-off du GdR	<a href="https://indico.ijclab.in2p3.fr/event/8881/">https://indico.ijclab.in2p3.fr/event/8881/</a>	LPNHE, Paris 17-19 janvier 2023 157 participant.e.s (47% de jeunes)
2024	GdR Episode 2	<a href="https://indico.ijclab.in2p3.fr/event/10428/">https://indico.ijclab.in2p3.fr/event/10428/</a>	IP2I, Lyon 21-23 mai 2024 60 participant.e.s (35% de jeunes)
2025	GdR Episode 3	<a href="https://indico.ijclab.in2p3.fr/event/11301/">https://indico.ijclab.in2p3.fr/event/11301/</a>	LPENS, Paris 14-16 avril 2025 119 participant.e.s (44% de jeunes)
2026	GdR Episode 4	<a href="https://indico.ijclab.in2p3.fr/event/13091/">https://indico.ijclab.in2p3.fr/event/13091/</a>	LPC Clermont 1-3 juin 2026 ~ 60 participant.e.s (TBC)

Année	Événements	Lieu	Référence
2023	Colloque national Action Dark Energy	LAPTh, Annecy	<a href="https://indico.in2p3.fr/event/29646/">https://indico.in2p3.fr/event/29646/</a>
	Colloque National CMB-France #5	IAP, Paris	<a href="https://indico.in2p3.fr/event/30833">https://indico.in2p3.fr/event/30833</a>
	Atelier TUG	LPENS, Paris	<a href="https://indico.in2p3.fr/event/29276/">https://indico.in2p3.fr/event/29276/</a>
	Tools WG session	IAP, Paris	<a href="https://cophy-tools.iap.fr/index.php?p=meetings-2023">https://cophy-tools.iap.fr/index.php?p=meetings-2023</a>
	Anomalies in Cosmology	LAPTh, Annecy	<a href="https://indico.in2p3.fr/event/30622/">https://indico.in2p3.fr/event/30622/</a>
	String - Cosmo Day	APC, Paris	<a href="https://indico.in2p3.fr/event/30602/">https://indico.in2p3.fr/event/30602/</a>
2024	Colloque national du WG Dark Energy	IHP, Paris	<a href="https://indico.in2p3.fr/event/32522/">https://indico.in2p3.fr/event/32522/</a>
	Colloque National CMB-France #6	IHP, Paris	<a href="https://indico.in2p3.fr/event/34251/">https://indico.in2p3.fr/event/34251/</a>
	Atelier TUG	LAPTh, Annecy	<a href="https://indico.in2p3.fr/event/32387/">https://indico.in2p3.fr/event/32387/</a>
	Tools WG session	IAP, Paris	<a href="https://cophy-tools.iap.fr/index.php?p=meetings-2024">https://cophy-tools.iap.fr/index.php?p=meetings-2024</a>
2025	Tools WG session	LAM, Marseille	<a href="https://indico.iap.fr/event/48/">https://indico.iap.fr/event/48/</a>
	Colloque national du WG Dark Energy	Université de Montpellier	<a href="https://indico.in2p3.fr/event/36618/">https://indico.in2p3.fr/event/36618/</a>
	Colloque National CMB-France #7	IAP, Paris	<a href="https://indico.in2p3.fr/event/36914">https://indico.in2p3.fr/event/36914</a>
	Atelier TUG	IPhT, Saclay	<a href="https://indico.in2p3.fr/event/tug25">https://indico.in2p3.fr/event/tug25</a>
2026	Strings & Cosmology	LAPTh, Annecy	<a href="https://indico.in2p3.fr/event/33661/overview">https://indico.in2p3.fr/event/33661/overview</a>
	Atelier TUG	LPENSL, Lyon	<a href="https://indico.in2p3.fr/e/tug26">https://indico.in2p3.fr/e/tug26</a>
	Colloque national du WG Dark Energy	IHP, Paris	<a href="https://www.ihp.fr/fr/agenda/10ieme-colloque-national-action-dark-energy">https://www.ihp.fr/fr/agenda/10ieme-colloque-national-action-dark-energy</a>

Poste	Commentaire	Montants [k€]			
		2023	2024	2025	2026
Assemblées générales	Organisation des AG annuelles	8	10	7	6 (TBC)
Ateliers des WG	Soutien aux colloques/ateliers thématiques	9	5	11	7 (TBC)
Jeunes chercheurs	Missions, soutiens dédiés	4	2.5	-	-
Invités / autres	Invitations ou dépenses transverses	-	-	-	-

~21k€

~18k€

~18k€

15k€  
- 15%!

# Congratulations on the recent CNRS medals!



Image : Laurent Arduin pour le CNRS

Accueil > Actualités

## Sophie Henrot-Versillé, médaillée d'argent CNRS 2026, trait d'union entre cosmologie et physique des particules

Sophie Henrot-Versillé est directrice de recherche à IJCLab (CNRS / Université Paris-Saclay), où elle a dirigé le pôle astroparticules, astrophysique et cosmologie pendant les 6 dernières années. Depuis près de trente ans, sa soif de connaissances la pousse à naviguer entre deux infinis : celui de l'infiniment petit des particules élémentaires et celui, vertigineux, du cosmos. Elle alterne successivement entre les expériences de physique des particules comme BaBar aux Etats-Unis et ATLAS au CERN, où elle part à la recherche de particules et d'interactions au-delà du Modèle Standard de la physique des particules, et les projets de cosmologie tels que les satellites Planck ou LiteBIRD, qui mesurent le fond diffus cosmologique, une relique de l'Univers primordial. Cette aventure entre les deux infinis lui a permis de porter un regard croisé sur les deux disciplines et de développer ses talents d'expérimentatrice comme de phénoménologiste. Une trajectoire singulière qui lui vaut aujourd'hui la médaille d'argent du CNRS.



Accueil > Actualités

## Clotilde Laigle : une médaille de bronze pour ses travaux sur l'observation de la toile cosmique

Clotilde Laigle est astronome adjointe à l'IAP (CNRS/Sorbonne Université), où elle étudie la formation des galaxies dans la toile cosmique. Pour cela elle tire parti aussi bien des riches données des nouveaux relevés astronomiques que des simulations cosmologiques.



Accueil > Actualités

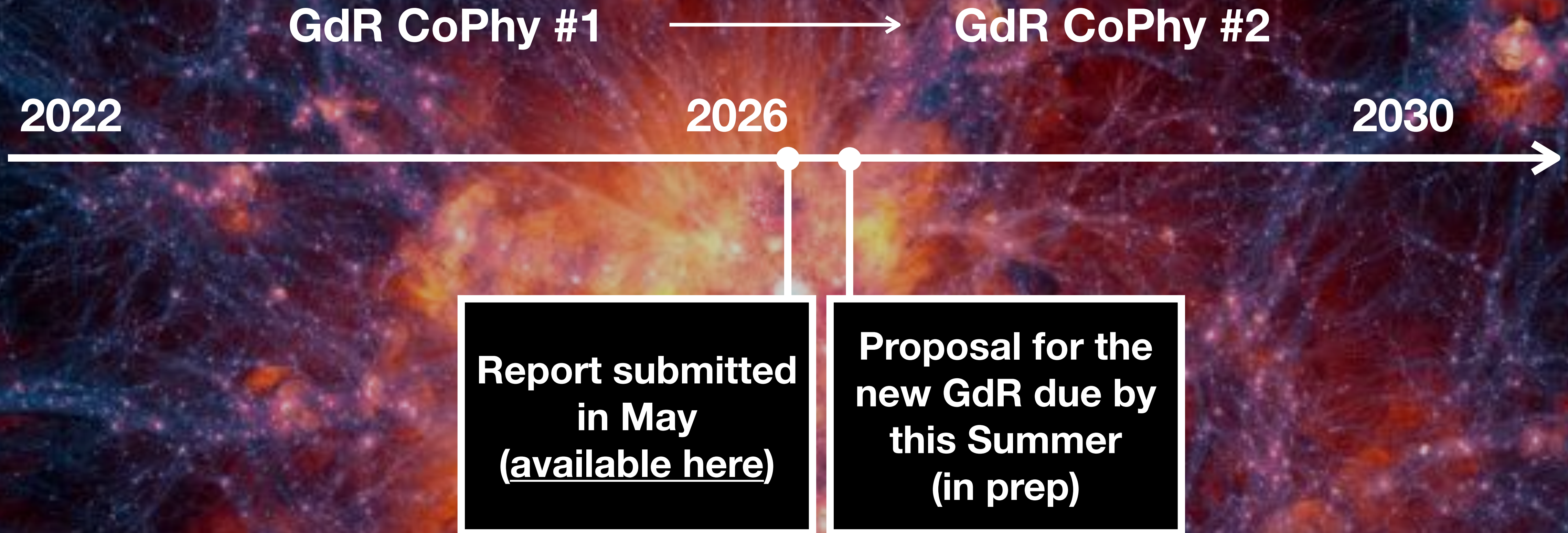
## Pauline Zarrouk, cosmologiste au LPNHE, lauréate de la médaille de bronze du CNRS

Explorer l'histoire de l'Univers à travers la répartition des galaxies, tester la gravité aux plus grandes échelles et traquer les indices d'une énergie noire insaisissable : à 34 ans, alors que sa carrière est toujours à ses débuts, Pauline Zarrouk fait déjà parler les cartes du cosmos comme personne. Chercheuse au LPNHE (CNRS / Sorbonne Université), coordinatrice au CNRS du projet DESI (Dark Energy Spectroscopic Instrument), elle analyse les données portant sur la distribution spatiale des galaxies dans le cosmos, issues de grands relevés spectroscopiques tels que le Sloan Digital Sky Survey ou encore DESI, pour mettre à l'épreuve les modèles cosmologiques actuels, de la constante décrivant l'accélération de l'expansion de l'Univers à la théorie de la relativité générale d'Einstein. Jonglant entre recherches de fond et responsabilités institutionnelles, elle n'en est pas moins une vulgarisatrice convaincue, décidée à transmettre sa passion pour l'Univers à ses étudiantes et étudiants, au grand public et en milieu scolaire.

"Beyond these individual achievements, this is also a great sign for our field, highlighting both the vitality of cosmology research in France and the growing recognition of our topics. It also shows how important a supportive and collaborative scientific environment — to which the GdR CoPhy contributes — is in enabling these trajectories.

We are all very happy to share this news, which further strengthens the visibility and attractiveness of our field."

# GdR CoPhy administration



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- Sophie Henrot-Versillé (2022-2025)
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# A Vision for the Next GdR CoPhy (2026-2030)

Preparing the French cosmology community for the era of precision, multi-probe cosmology.

**DESI**  
(on-going)

**Euclid**  
(on-going)

**Rubin/LSST**  
(2026-2036)

+other  
LSS!

**Simons  
Observatory**  
(on-going)

+21cm

**South Pole  
Observatory**  
(on-going)

+other CMB!

**QUBIC TD**  
(on-going)

+ several other past, current and future projects

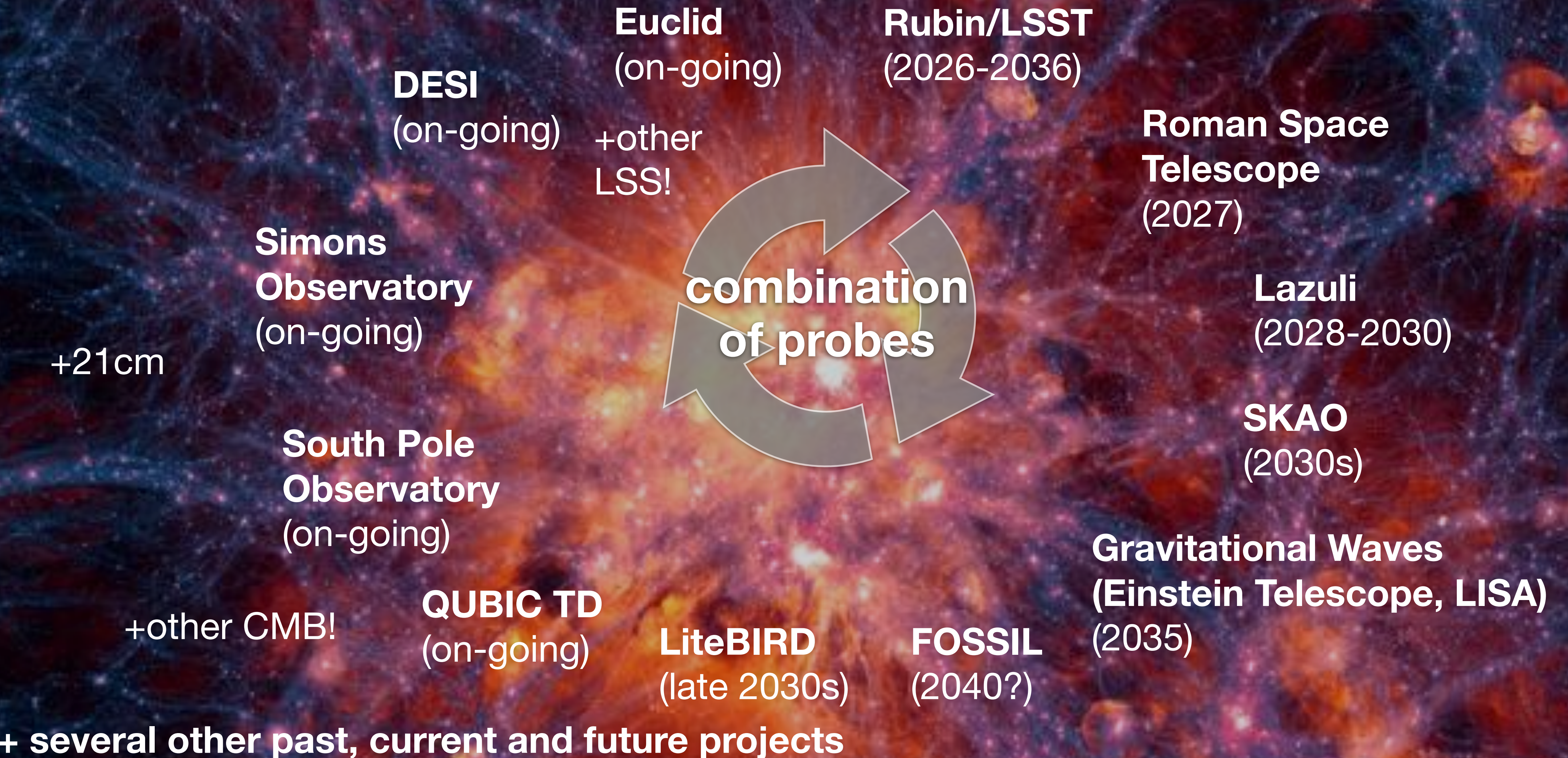
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**Theory, Simulations, Data, Observations**



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## Theory, Simulations, Data, Observations

### Scientific ambitions

Address the major questions of cosmology:

- Primordial Universe
- Fundamental physics and gravity
- Dark matter and dark energy

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- CMB
- Large-scale structure
- Time-domain cosmology
- **Gravitational-wave cosmology**
- **Cross-correlations between probes**

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- Simulations & forward modelling
- HPC and large-scale data processing
- AI and Simulation-Based Inference
- Reproducible community tools

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### Community building

- Strengthen links between IN2P3, INSU and INP and other institutions (CEA, Universities)
- Increase interactions with the **GdR Gravitational Waves** and international networks
- Support emerging scientific initiatives
- Empower the next generation of cosmologists
- Support **communication** with the general public
- Support schools/trainings

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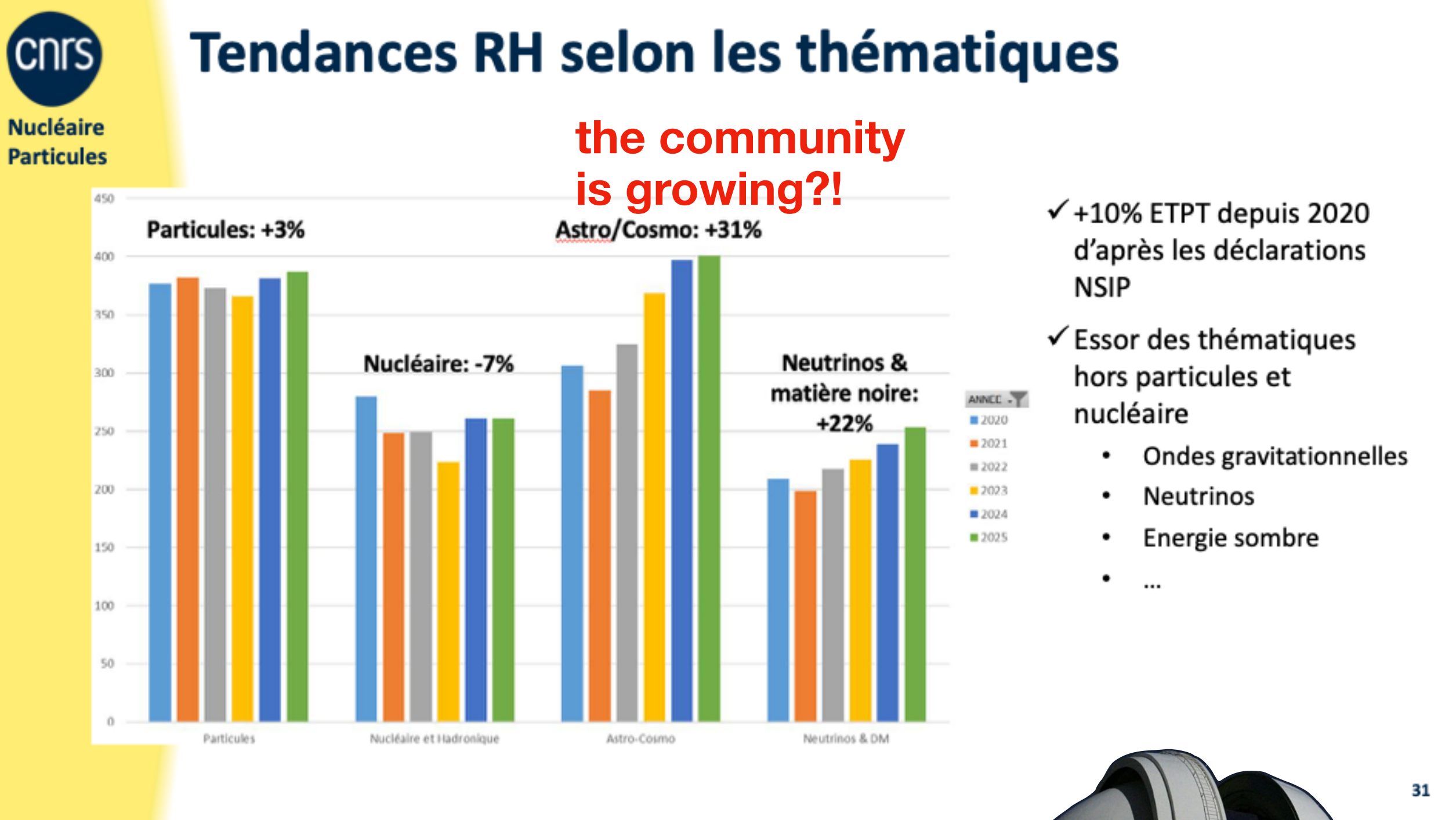
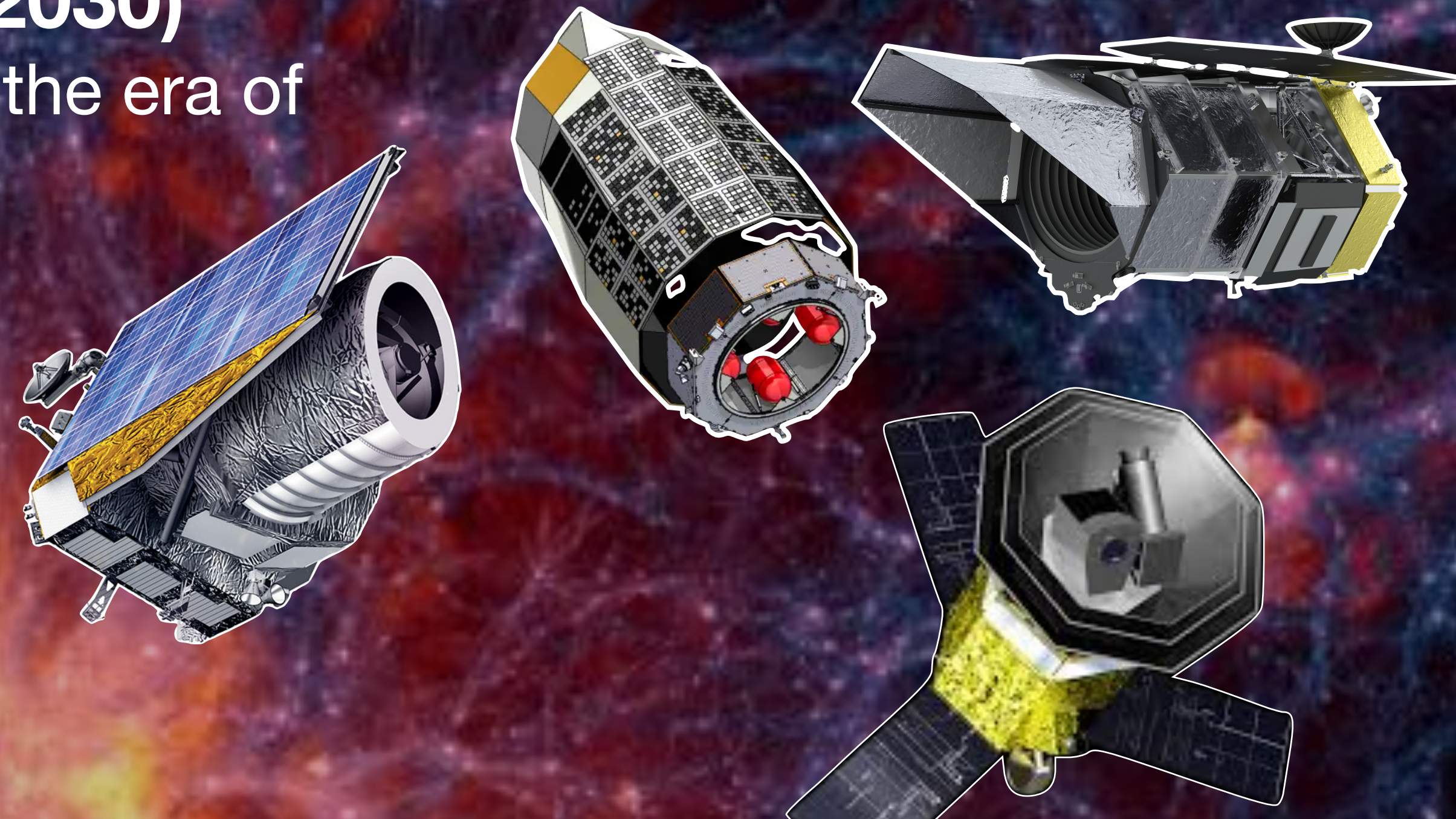
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+ on-going discussions about the renewing/  
possible change of the coordination team

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## A Flood of Exciting New Data!!



# today

<b>Registration and Welcoming Time</b>		
Clermont Ferrand		13:30 - 14:00
<b>welcome</b>	Prof. Jean Orloff	
Clermont Ferrand		14:00 - 14:10
<b>Introduction to the GDR COPHY episode 4</b>	Johann COHEN-TANUGI	
Clermont Ferrand		14:10 - 14:20
<b>GDR COPHY Status report</b>	Josquin Errard	
Clermont Ferrand		14:20 - 14:30
<b>WG TUG</b>	Vivian POULIN	
Clermont Ferrand		14:30 - 14:50
<b>Cosmology with strong lensing images</b>	Julien Larena	
Clermont Ferrand		14:50 - 15:20
<b>Gravitational lensing beyond approximations: relativistic lightcones for modern cosmological surveys</b>	Laurent MAGRI--STELLA	
<b>Cosmology within the GdR Gravitational waves</b>	Dr Michele Mancarella	
Clermont Ferrand		15:50 - 16:00
<b>Coffee Break</b>		
Clermont Ferrand		16:00 - 16:30
<b>Rubin-LSST : status and plans</b>	Mr Thibault Guillemin	
Clermont Ferrand		16:30 - 17:00
<b>The cosmic matter dipole problem</b>	Albert Bonnefous-Abiven	
Clermont Ferrand		17:00 - 17:30
<b>An inhomogeneous cosmological model: the axially symmetric Szekeres GR solution</b>	Marie-Noëlle Celerier	
Clermont Ferrand		17:30 - 18:00
<b>WG ADE</b>	Alain Blanchard	
Clermont Ferrand		18:00 - 18:30
<b>Cocktail dinatoire</b>		
		19:30 - 21:15

# Tuesday

<b>WG CMB</b>	Matthieu Tristram	
Clermont Ferrand		08:45 - 09:00
<b>LiteBIRD</b>	Léo Vacher	
Clermont Ferrand		09:00 - 09:20
<b>The Simons Observatory: Early Data from the Small Aperture Telescopes</b>	Amalia VILLARRUBIA AGUILAR	
Clermont Ferrand		09:20 - 09:50
<b>KAIROS : Proposal for a French SAT observing at high frequencies</b>	Benjamin BERINGUE	
Clermont Ferrand		09:50 - 10:20
<b>Coffee Break</b>		
Clermont Ferrand		10:20 - 10:50
<b>Testing Entropic Explanations of Cosmic Acceleration with DESI and Supernovae</b>	Soumen Basak	
Clermont Ferrand		10:50 - 11:20
<b>The Secret Life of Voids: Unifying Density Profiles and their Evolution</b>	Nico SCHUSTER	
Clermont Ferrand		11:20 - 11:50
<b>How to measure cosmology from nothing: void-galaxy cross-correlation with DESI</b>	Katayoon GHAEMI	
Clermont Ferrand		11:50 - 12:20
<b>Déjeuner au restaurant LA PLACE</b>		
		12:20 - 14:00
<b>Simons Observatory LAT status</b>	Merry Duparc	
Clermont Ferrand		14:00 - 14:30
<b>SPT-3G: latest results and future prospects</b>	Lennart Balkenhol	
Clermont Ferrand		14:30 - 15:00
<b>The shape of emptiness: improving the signal from cosmic voids using reconstruction</b>	Giulia DEGNI	
Clermont Ferrand		15:00 - 15:30
<b>Cosmology from the Rubin Void Size Function</b>	Pierre BOCCARD	
Clermont Ferrand		15:30 - 16:00
<b>Coffee Break</b>		
Clermont Ferrand		16:00 - 16:30
<b>The Lazuli Space Telescope and its use for Cosmology</b>	Mickael RIGAULT	
Clermont Ferrand		16:30 - 17:00
<b>No supernovae? Measuring <math>H_0</math> from Cepheids, TRGB stars, and masers with BORG peculiar velocities</b>	Richard Stiskalek	
Clermont Ferrand		17:00 - 17:30
<b>Future missions for CMB spectral distortion measurements</b>	Xavier Coulon	
Clermont Ferrand		17:30 - 18:00
<b>WG TOOLS</b>	Guilhem LAVAUX	
Clermont Ferrand		18:00 - 18:20

# Wednesday

<b>Multiplexed Survey Telescope (MUST)</b>	Eric JULLO	
Clermont Ferrand		09:00 - 09:30
<b>Bayesian Inference with Differentiable Simulators for the Joint Analysis of Galaxy Clustering and CMB Lensing</b>	Jonathan Hawla	
Clermont Ferrand		10:00 - 10:30
<b>Multi-probe inferences of late-time cosmic dynamics from Stage-III to Stage-V surveys</b>	Eleni Tsaprazi	
Clermont Ferrand		10:30 - 11:00
<b>Coffee Break</b>		
Clermont Ferrand		10:30 - 11:00
<b>Overview of DESI and its recent results</b>	Domitille Chebat	
Clermont Ferrand		11:00 - 11:30
<b>Simulation-Based Inference (SBI) for cosmology with type Ia Supernovae (SNe Ia).</b>	Adam TRIGUI	
Clermont Ferrand		11:30 - 12:00
<b>Measuring the growth rate with supernova peculiar velocities and the CMB</b>	Camilo Crisman	
Clermont Ferrand		12:00 - 12:30



## KARIM BENABED (1974-2025)



Photography of Karim Benabed taken at IAP in March, 2014.  
Credit: Sophie Rattier

Our colleague Karim Benabed died accidentally on 3 December 2025 at the age of 51. Karim had been an Astronomer at the Institut d'Astrophysique de Paris (IAP) since 2004. He taught at Sorbonne Université. He completed his PhD at the Institut de Physique Théorique (IPhT) under the supervision of Francis Bernardeau, followed by a postdoctoral stay at New York University (NYU).

After obtaining tenure in 2005, he joined François Bouchet's Planck team at IAP, where he quickly became an essential pillar until the conclusion of the project in 2019. The Planck project, an ESA satellite, made it possible to measure the temperature and polarisation anisotropies of the cosmic microwave background with unprecedented precision. Within the project, he contributed in particular to the measurement of gravitational lensing effects, a topic he had already explored during his PhD. He also co-developed the core computational tools used for analysing and processing the collected data, and established the statistical tools needed for their cosmological interpretation. He was notably the principal architect of the paper on the likelihood of the cosmological parameters of our Universe. These exceptional contributions earned him the *La Recherche* prize in 2014, the AIAA Space Systems Award, awards from the Royal Astronomical Society, the Marcel Grossman Award in 2015, the Gruber Prize in 2018, and the Giuseppe and Vanna Cocconi Prize in 2019, as a member of the Planck scientific team.

From 2014 to 2020, he also served as Deputy Director of the IAP, and even assumed the duties of director for many months. In this role, he initiated numerous scientific and technical projects, as well as outreach activities that left a mark on the institute's history, such as the *Fête de la Science* or the astronomy *Nuit Blanche*, which he founded. He later became involved in the Euclid project dedicated to measuring gravitational lensing effects, and especially in the South Pole Telescope experiment, aimed at measuring the polarisation of the cosmic microwave background on scales not covered by Planck.

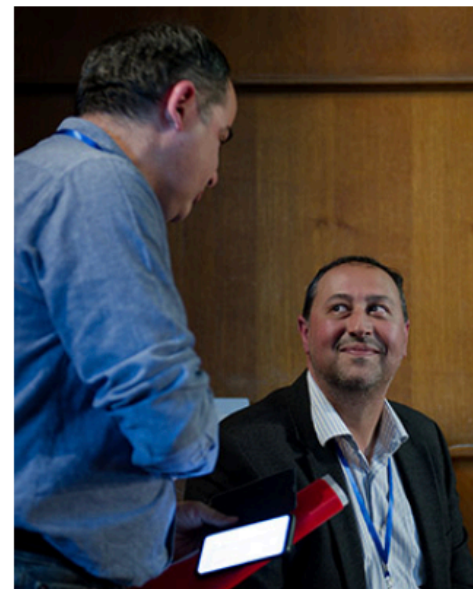
Alongside his research and teaching duties, he supervised and mentored many interns, PhD students, and postdoctoral researchers, and was deeply committed to the future of French astronomy through his participation in CNAP selection committees and in the renovation project of the Palais de la Découverte.

Despite a career cut short, his distinctive way of approaching with brilliance the many facets of a researcher's work will remain an undeniable source of inspiration for his colleagues. Karim Benabed was a role model for all, both through his deep humanity and his remarkable intelligence. The energy he devoted to astrophysics and to young scientists was matched only by his kindness toward all staff members. He also served on several joint promotion committees of the CNRS at the regional level, ensuring that he fully understood and represented the professional aspirations and career development wishes of the engineers, technicians, and administrative staff of the IAP.

### Links

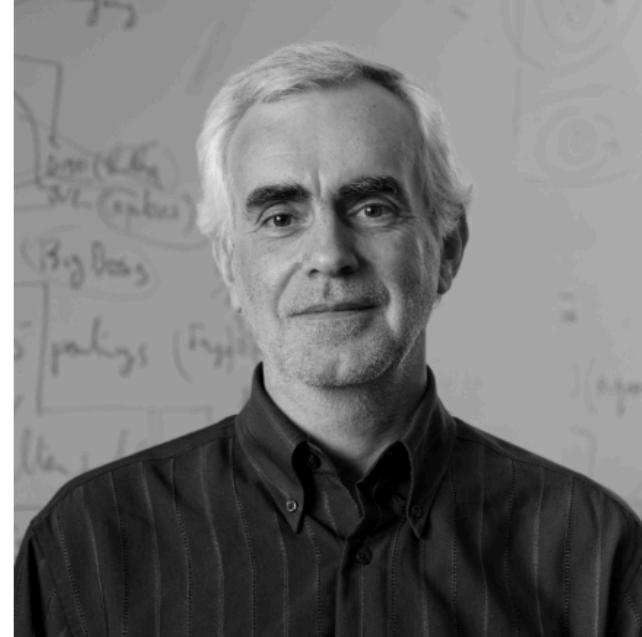
- ▣ Those who knew him can pay tribute to him [on the site created](#) for this occasion.
- ▣ These messages can be found on [that website](#).
- ▣ You may also [send a financial contribution](#) to Karim's family.
- ▣ [Recorded lectures and seminars, films, podcasts](#).
- ▣ A gallery of the many photographs taken by his colleagues over the years is available on [this website](#) and [this one](#).

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Photography of Karim Benabed, together with Francis Bernardeau, taken at IAP on June 8, 2019, during the Astronomy Night, that he organised to celebrate CNRS' 80<sup>th</sup> birthday.  
Credit: Jean Mouette /IAP-CNRS-SU

## YANNICK MELLIER (1958-2025)



Photography of Yannick Mellier taken at IAP in June 2009, for the CNRS Silver Medal.  
Credit: Jean Mouette /IAP-CNRS-SU

Our colleague Yannick Mellier died on December 19, 2025, at the age of 67. The scientific legacy he leaves behind is immense. He was one of the emblematic figures of the IAP and director of the Euclid Consortium since 2011.

Yannick earned his PhD from the University of Toulouse III, Paul Sabatier, in 1987 under the supervision of Bernard Fort. As part of his team, he contributed to the spectroscopic confirmation that the giant arc in the galaxy cluster Abell 370 was gravitationally lensed. This landmark work paved the way for demonstrating the immense potential of gravitational lensing for the study and mapping of the mysterious dark matter of the Universe.

It marked the beginning of a scientific and human adventure spanning more than 30 years, of which Yannick was both the driving force and the visionary.

The adventure began in Toulouse, with the very first CCD cameras such as MOCAM which were soon followed by the much larger 8K and the 12K cameras. Installed on the Canada–France–Hawaii Telescope, these instruments provided ground-based images of exceptional quality (often better than 0.5" resolution). The journey continued in Paris in the mid-1990s, when Yannick joined the IAP, with the MegaCam project and the establishment of the TERAPIX data centre for the reduction and

exploitation of these large images. Yannick was the central pillar of this effort and the tireless driving force behind the development of these tools. The impact of the scientific products they delivered to the community was considerable.

Guided by a clear vision, Yannick succeeded in bringing the French lensing community to the forefront of the international community. In 2000, his team was among the first to demonstrate the effects of gravitational lensing by the large-scale structures of the Universe and to show that this measurement could constrain the cosmological model. This established lensing as a key probe in observational cosmology and helped motivate the development of the next generation of experiments, culminating in Euclid.

In 2011, Yannick took the helm of the Euclid Consortium, of which he was already its principal architect. He led the consortium during its formative years, overseeing the final designs of the two onboard instruments, the design of the scientific ground segment, and the overall organization of the consortium. He also established the consortium's scientific teams, a structure bringing together more than a thousand scientists to transform the mission's exceptional capabilities into scientific results. He was also central to the project's partnerships, working with ESA and international partners to secure the ground-based observations essential for Euclid's science.

Despite becoming the embodiment of the Euclid project, his scientific legacy and his impact on the community extend far beyond it. As a member of dozens of national and international scientific committees throughout his career - within the CNRS, CNES, ESA, and ESO - Yannick was always deeply committed to supporting projects he considered promising, whatever they were and wherever they came from. He devoted himself tirelessly to the community, without ever seeking personal recognition; science was literally his *raison d'être*.

Even as one of the most prominent figures of our community, Yannick was disarmingly generous. Warm and collegial with fellow scientists and collaborators, he made it a point of honour to highlight the merit of each person's contributions. He was deeply committed to ensuring that others were recognized and appreciated. He was a source of support for all who knew him and, for many of us, a friend. His work will continue to shape our field for many years to come.



Group photograph from the Euclid France symposium, with Yannick Mellier (center), taken in front of the Paris Observatory on November 30, 2017.  
Credit: Jean Mouette /IAP-CNRS-SU

Yannick Mellier received the Jean Ricard Prize from the French Physical Society (SFP) in 2005, the Franco-German Gay-Lussac–Humboldt Prize in 2006, and the CNRS Silver Medal in 2009.

### Links

- ▣ Those who knew him can pay tribute to him [on the site created](#) for this occasion.
- ▣ These messages can be found on [that website](#).


### Conferences and films

- ▣ Public conference (in French) at IHP, November 2015, "[The Large Structures of the Universe](#)" (*Ideas in Science*).
- ▣ Public conference (in French) at IAP, April 2015, "[Dark matter and dark energy: what will Euclid teach us?](#)".
- ▣ Seminar at Collège de France, February 2015, "[Dark matter and gravitational lenses](#)" (*Chaire Galaxies et cosmologie - Françoise Combes (2014-2015)*).
- ▣ Film "[Les 75 ans de l'IAP](#)" (in French, 2013).
- ▣ [Video interview](#) (in French, English subtitles, 3min 54s, unpublished, 2013).
- ▣ Film (in French, ARTE, 2012), "[The mystery of dark matter](#)" (by Cécile Denjean).
- ▣ Public conference (in French) at IAP, January 2004, "[From large surveys to virtual observatories](#)" (introduction by Ludovic Van Waerbeke).

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Photograph of Yannick Mellier taken at the Paris Observatory in November 2006 during the presentation of the SFP Jean Ricard Prize.  
Credit: Jean Mouette /IAP-CNRS-SU



A big thank to the organizing committee,  
to the local team and in particular a big  
thank to **Johann!**

- Enjoy the meeting!
- Take the opportunity to meet new colleagues!
- Be curious. Ask questions. Start conversations.

if you have remarks or ideas to improve the connection between French cosmologists, proposal for events or activities, etc. please contact us: [dir-gdr-cophy@services.cnrs.fr](mailto:dir-gdr-cophy@services.cnrs.fr)