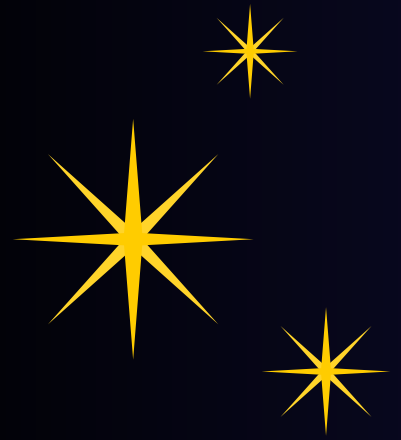




The MUSI program: What is it ?

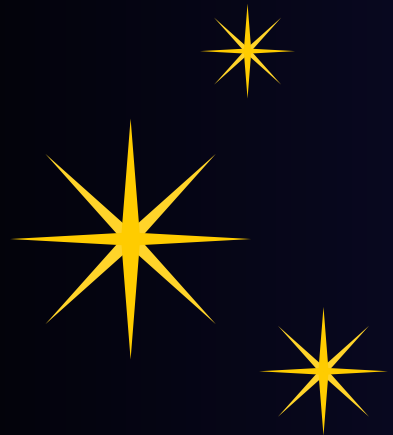
June the 15th - June the 30th 2026



India PUISSANT
CPES 1 - Sciences et Sociétés



1) Lectures



2) A common project



2

CAHIER D'ACTEUR – ACTOR BOOK

<https://www.debatpublic.fr/projet-accelereur-particules/contributions-acteurs-sur-dossier-presentation-projet>

4 axes:

- Ce que vous avez appris
What you learned
Christian, India
- Ce qui est à approfondir ou ce qui manque
What needs further information or is missing
Meriem, Andrei, Nana, Duc
- Ce qui n'est pas clair pour un public novice
What is unclear for a beginner audience
Camil, Lena, Valeriya
- Ce qui vous a surpris
What surprise you
Mark, Eva, Sarah



3) A trip !

2) Travel to Geneva:

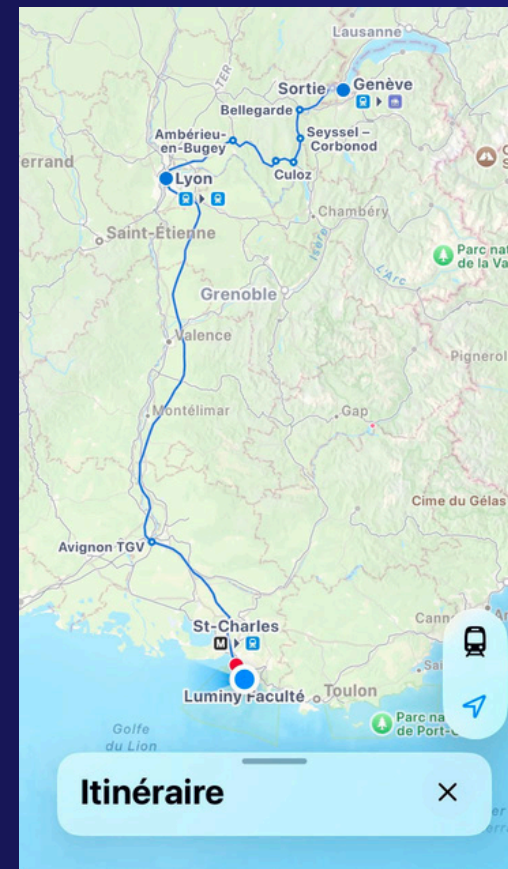
6h00 in Gare Saint Charles à Marseille in front of **HEMA**

I have your tickets on paper (do not go to the train directly)

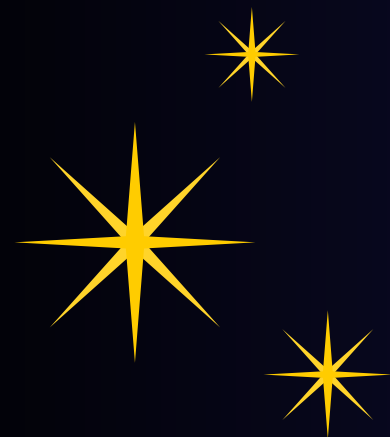
DO NOT FORGET YOUR ID/PASS

TAKE A MINIMUM OF LAGGAGE: we may walk a lot, with the language, so minimize!

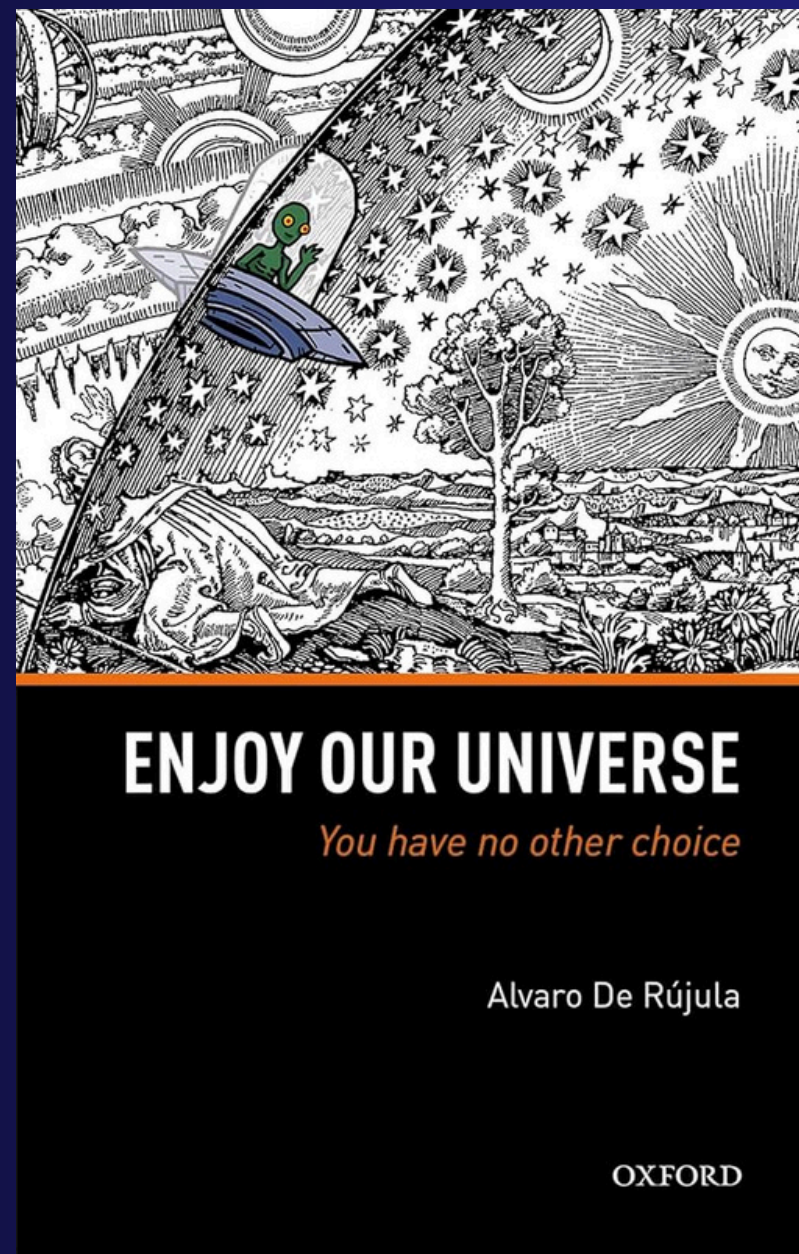
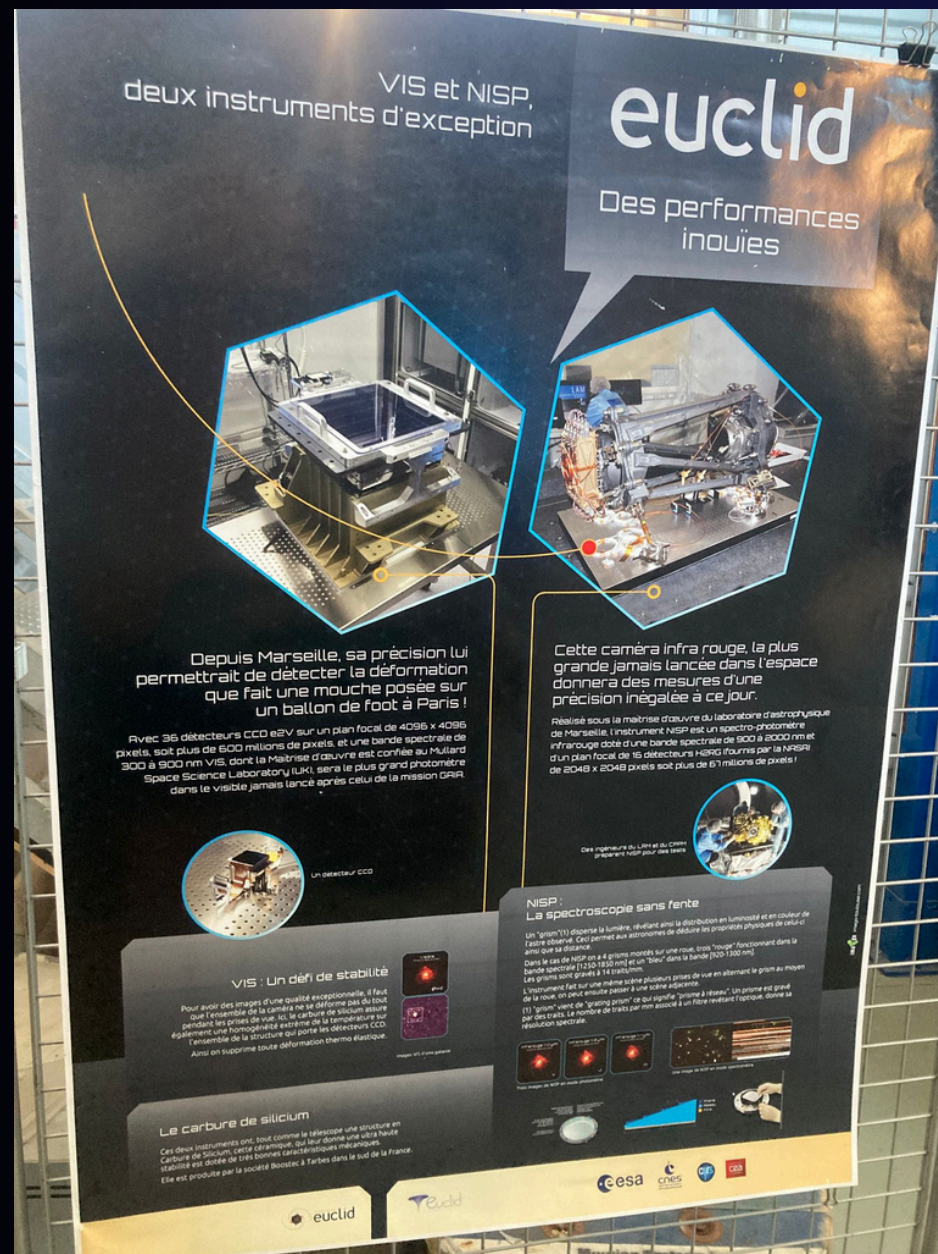
if you know that some people have not managed to read they cppm email, reprint this in your whatsapp group



4) Meeting new people



5) Independent work



Invited Paper

Euclid: ESAs mission to map the geometry of the dark Universe

R. Laureijs^a, P. Gondoin^a, L. Duvet^a, G. Saavedra Criado^a, J. Hoar^b, J. Amiaux^c, J.-L. Augueres^c, R. Cole^d, M. Cropper^d, A. Ealet^e, P. Ferruit^a, I. Escudero Sanz^a, K. Jahnke^f, R. Kohley^b, T. Maciaszek^g, Y. Mellier^h, T. Oosterbroek^a, F. Pasianⁱ, M. Sauvage^c, R. Scaramella^j, M. Sirianni^k, L. Valenziano^k, and the Euclid collaboration

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ABSTRACT

Euclid is a space-borne survey mission developed and operated by ESA. It is designed to understand the origin of the Universe's accelerating expansion. Euclid will use cosmological probes to investigate the nature of dark energy, dark matter and gravity by tracking their observational signatures on the geometry of the Universe and on the history of structure formation. The mission is optimised for the measurement of two independent cosmological probes: weak gravitational lensing and galaxy clustering. The payload consists of a 1.2 m Korsch telescope designed to provide a large field of view. The light is directed to two instruments provided by the Euclid Consortium: a visual imager (VIS) and a near-infrared spectrometer-photometer (NISP). Both instruments cover a large common field of view of 0.54 deg², to be able to survey at least 15,000 deg² for a nominal mission of 6 years. An overview of the mission will be presented: the scientific objectives, payload, satellite, and science operations. We report on the status of the Euclid mission with a foreseen launch in 2019.

To conclude...

Thank you so much for this
amazing experience !!

