

Observatoire  
de Paris



# DU “Explorer et Comprendre l’Univers” DU-ECU

forum des enseignements

# Le DU-ECU

But : panorama complet de l'astronomie en 1 an

Niveau : post-bac scientifique (ou équivalent)

Vulgarisation < DU-ECU < L1

Cours :

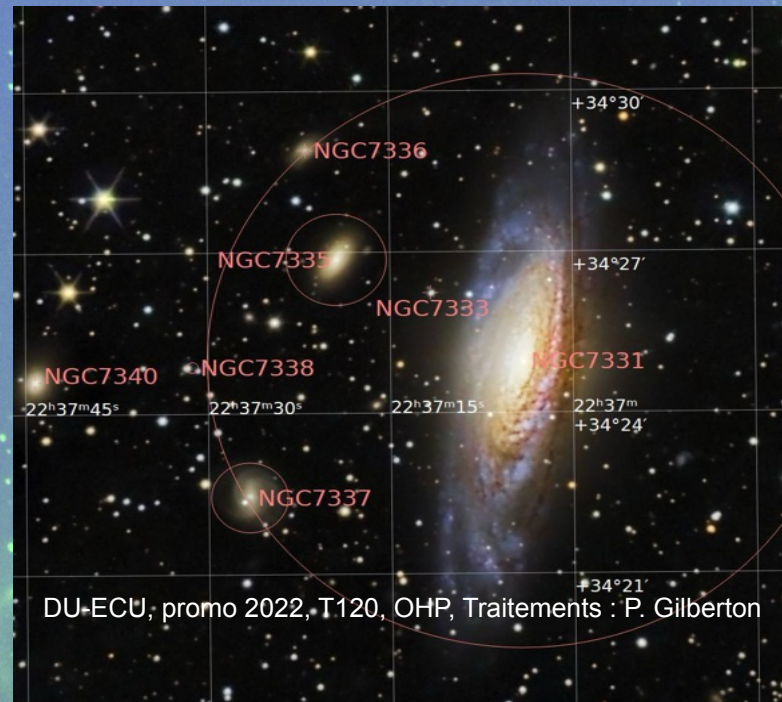
3h le mardi (17-20h)

En présentiel

En vidéo : direct ou différé

TD en autonomie

TP, Visites, Observations etc.



# Enseignement : les cours

Mécanique Céleste (J. Vaubaillon)

Ondes et Instruments (M. Puech)

Le Soleil (F. Baudin)

Planétologie comparée (A. Doressoundiram)

Traitement de données (P. Baudoz)

Étoiles et milieu interstellaire (P. Kervela)

Galaxies (P. DiMatteo)

Cosmologie (M. Langer)

Philosophie des sciences (G. Leconte)

Histoire de l'Astronomie (J. Lamy)

# Options

Visites : site de Paris, Meudon

Travaux Pratiques : 5 j., site de Meudon

Hautes énergies

Observations :

Lunette : Soleil, site de Meudon

Télescopes OHP : T120, T152, T80

IRIS (OHP) : T50, en ligne

Météores : en autonomie

Radio-astronomie : en autonomie

Examen + TDs de révisions : juin, Meudon

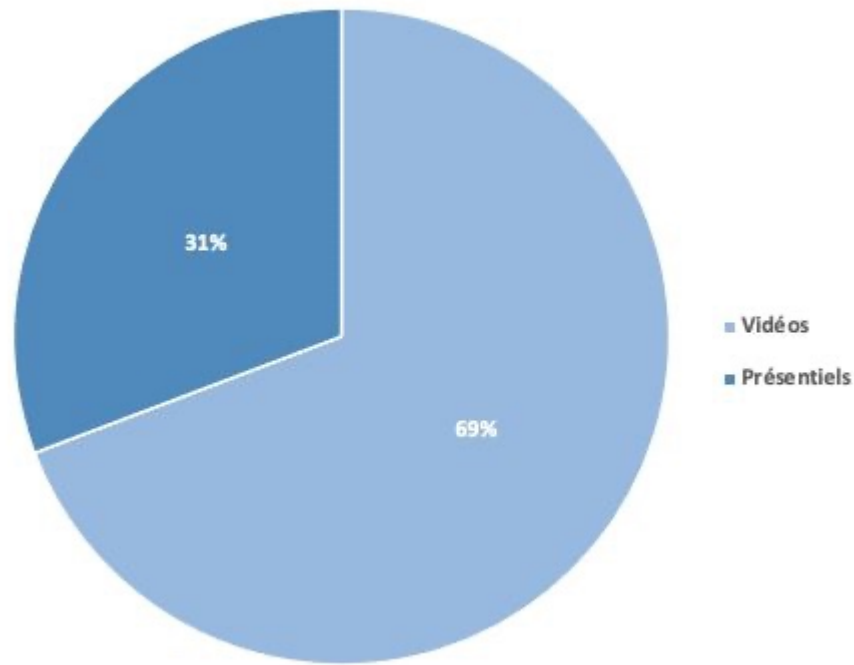
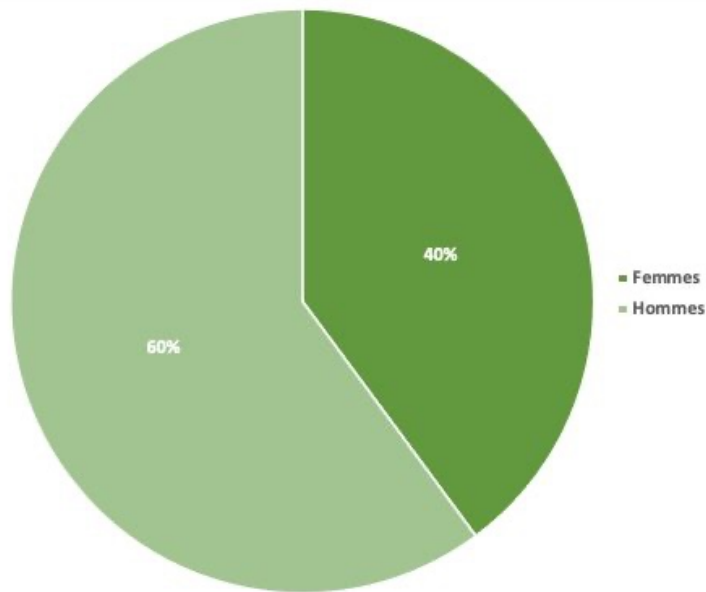
C/2017 K2, DU-ECU, promo 2022, T120, OHP



J. Vaubaillon, IMCCE, DU-ECU

# Promotion 2025-2026

147 “apprenants”

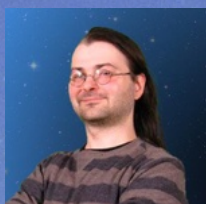


Profil : étudiant, retraité, actif,  
diversité de corps de métiers

# L'équipe du DU-ECU



Nawelle Megri



Gilles Bessou



Jérémie Vaubailon



Mathieu Puech



Pierre Cristofari



Alain Doressoundiram



Mathieu Langer



Pierre Kervella



Frédéric Baudin



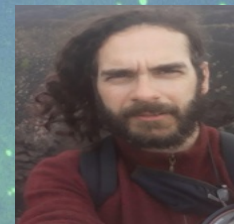
Pierre Baudoz



Nicole Romain



Jérôme Lamy



Gauvin  
Leconte

Paola DiMatteo

# Évolutions en cours

Multiplier les observations :

BDD PADC

Collaborations avec clubs

Collaborations internationales

The screenshot displays the PADC ObsTAP Portal interface. At the top, there are logos for PADC, POP, and PSL. The main header reads "POP - PADC ObsTAP Portal". Below this, a message states "Performed TAP query to isdbn-urhttp://isdbn-urhttp".

The interface is divided into several sections:

- Service:** Includes fields for Source (PADC Registry), YOID, Service YOID, URL (http://isdbn-urhttp), and Timeout (secs) (20).
- Local:** Includes fields for Product Type, Choose Value, ObsCore Target, Data Collection, Filter Name, and Position (Target Name, Name of target, Target RA (deg)).
- ObsTAP Results:** A table showing search results for "NJA - NJA" (20 rows found). The table has columns: event\_name, dataproduct\_type, calib\_level, obs\_collection, and obs\_title. The results list various observations from 2015-08-20 to 2016-04-30, all categorized as "image" and "2" level, from the "OHIP student observations" collection.
- Map:** A small map on the right side showing the location of the observations, with a red crosshair and a yellow box indicating the search area. The map includes coordinates: 342.88334°E and 46.85°N.

# Besoins en enseignement

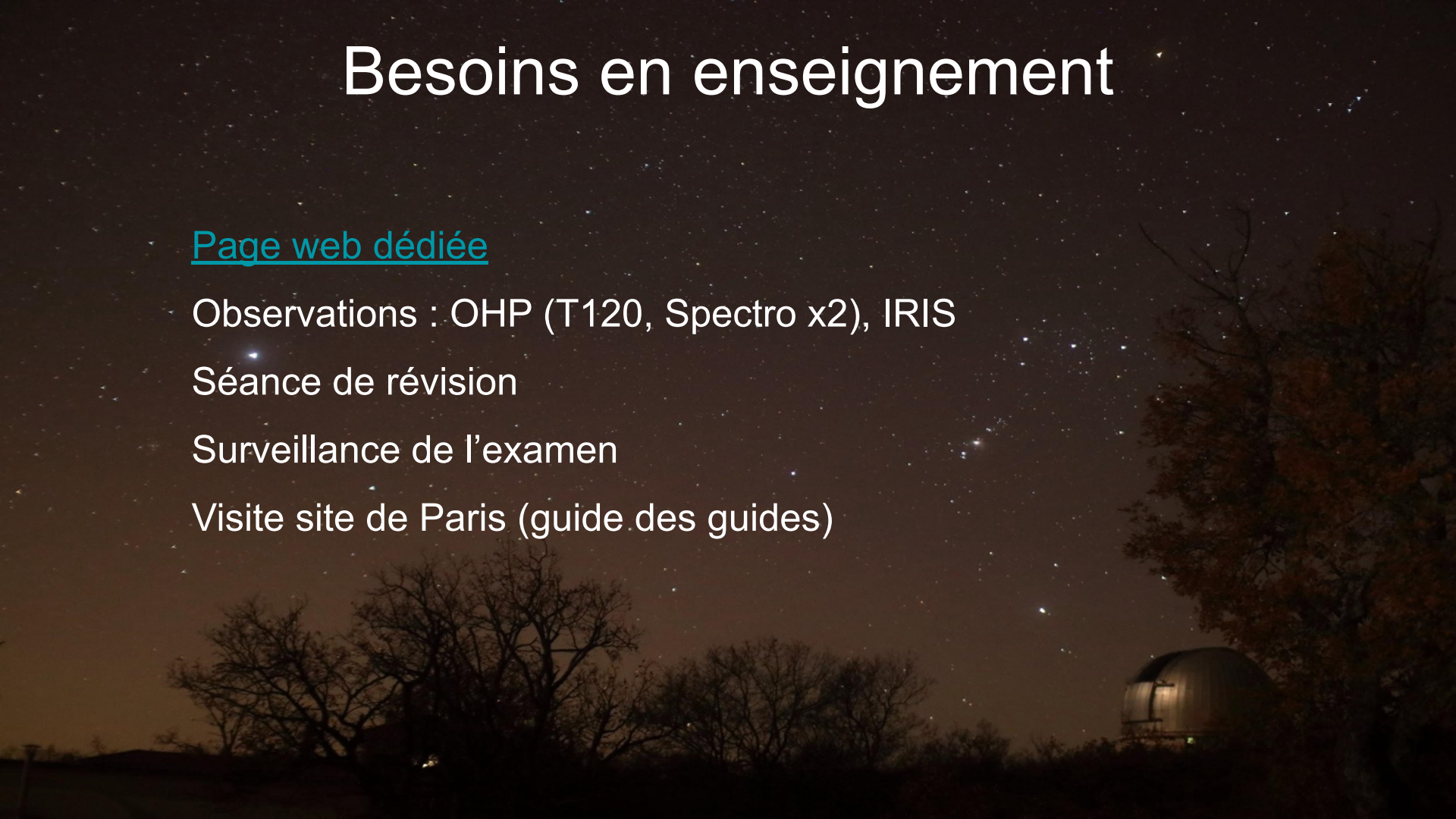
[Page web dédiée](#)

Observations : OHP (T120, Spectro x2), IRIS

Séance de révision

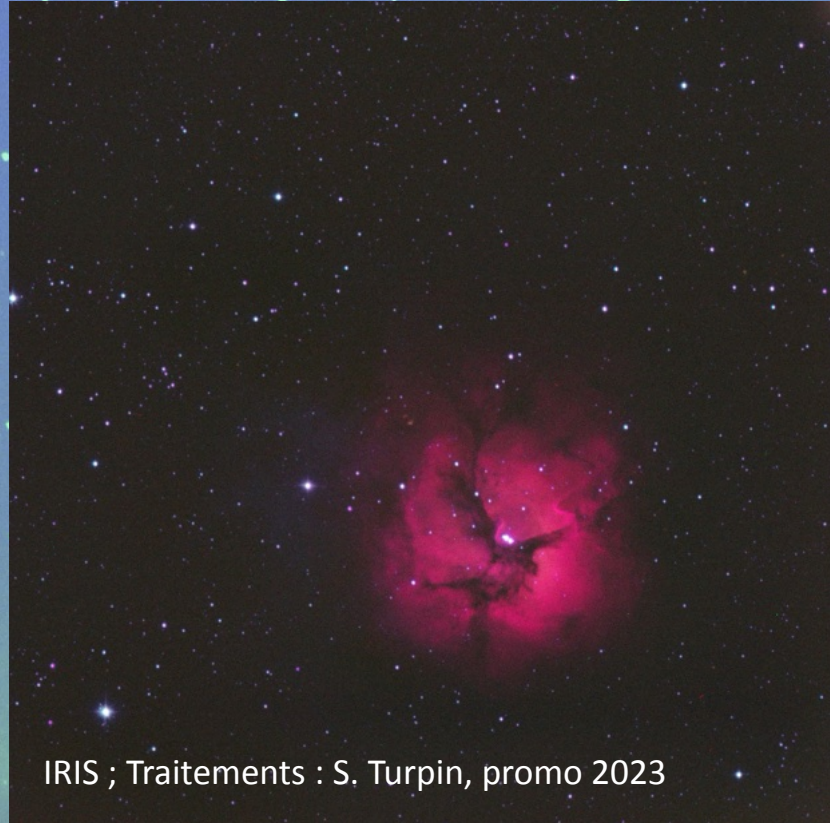
Surveillance de l'examen

Visite site de Paris (guide des guides)



[contact.duecu@obspm.fr](mailto:contact.duecu@obspm.fr)

T120 ; Traitements : J. Dufour, promo 2023



IRIS ; Traitements : S. Turpin, promo 2023