



ASSOCIATION  
DE MAILLET

Club d'astronomie

Caroline H



# L'astronomie Tour d'horizon

JP. Maratrey – Février 2017

# **Programme**

**Observation**

**Dessin**

**Photographie**

**Instrumentation**

**Histoire de l'astronomie**

**Astrophysique**

# **Programme**

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# Observation

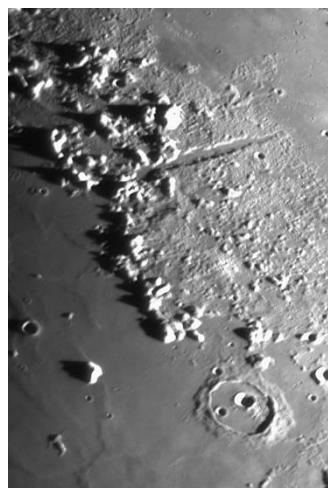
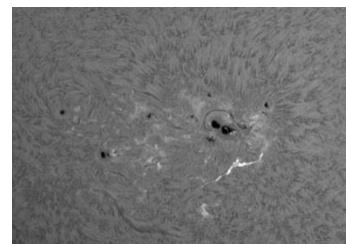
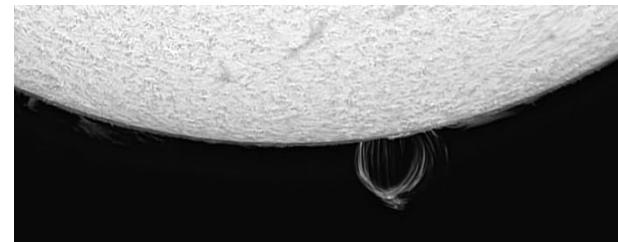
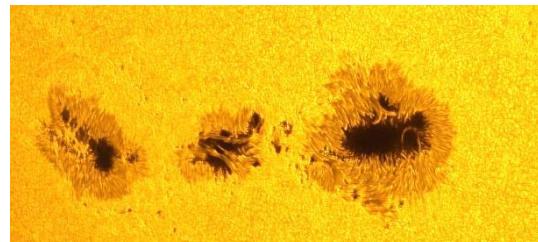
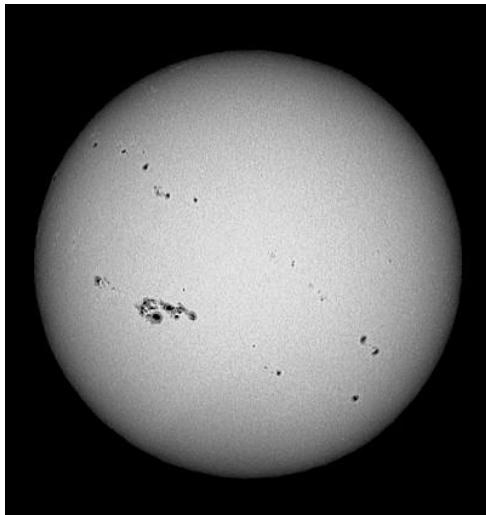


A l'aide d'un instrument astronomique :

- Système solaire
- Notre Galaxie
- Le monde extragalactique

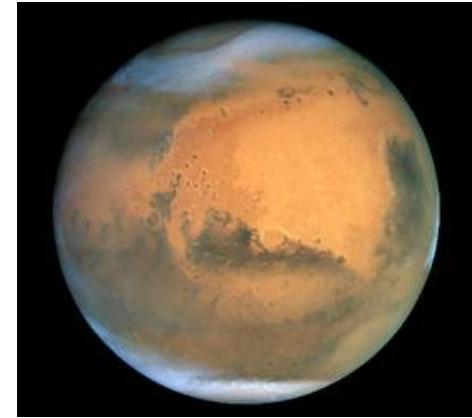
# Observation

## Le système solaire



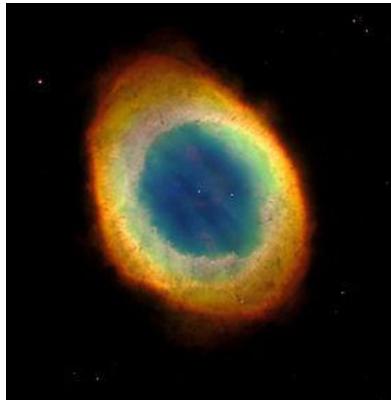
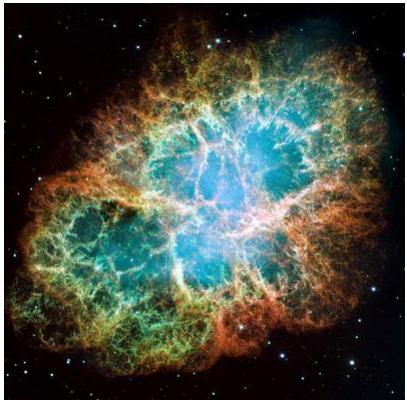
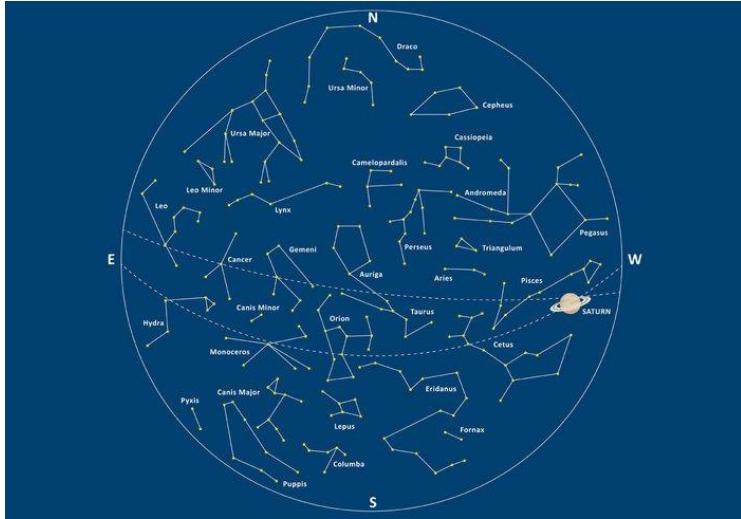
# Observation

## Le système solaire



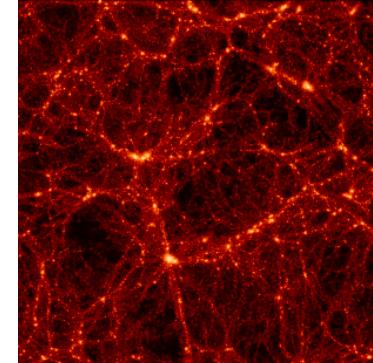
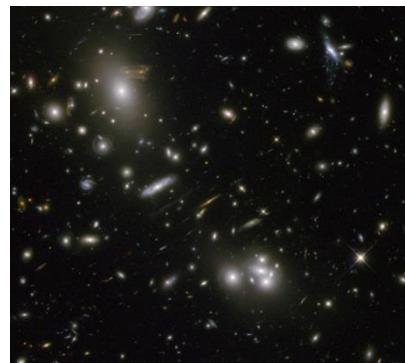
# Observation

## Notre Galaxie



# Observation

## Le monde extragalactique



Échelles de temps et de distance

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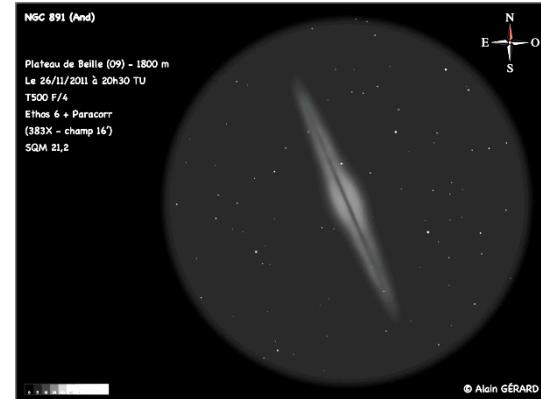
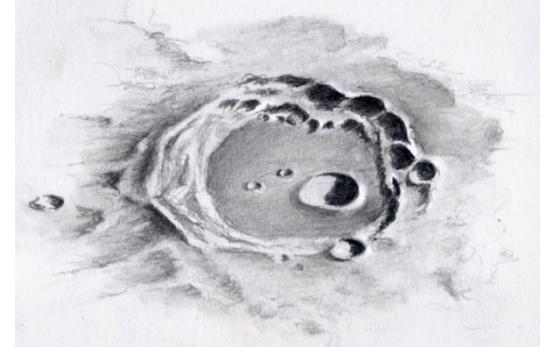
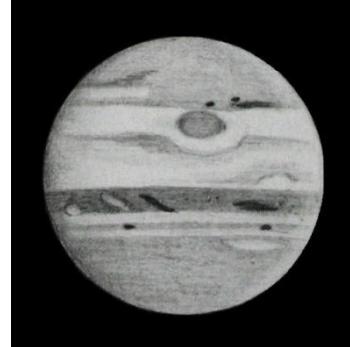
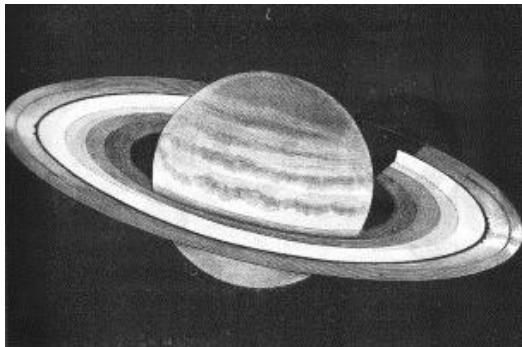
**Instrumentation**

**Histoire de l'astronomie**

**Astrophysique**

# Dessin

Tout ce qui est visible dans un télescope peut être dessiné



# **Programme**

Observation

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# Photographie

Tout ce qui est visible dans un télescope peut être photographié



# **Programme**

Observation

Dessin

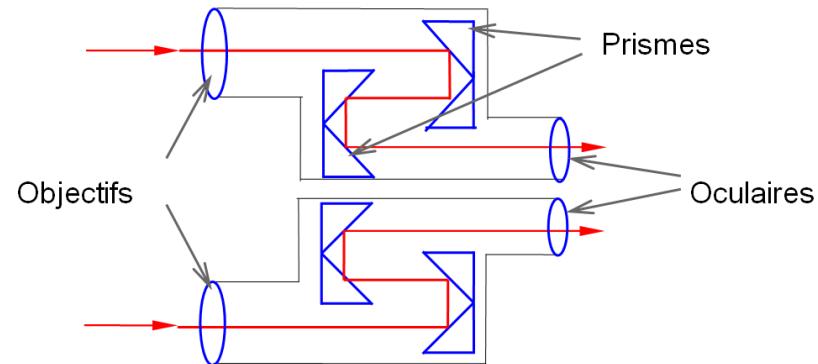
Photographie

**Instrumentation**

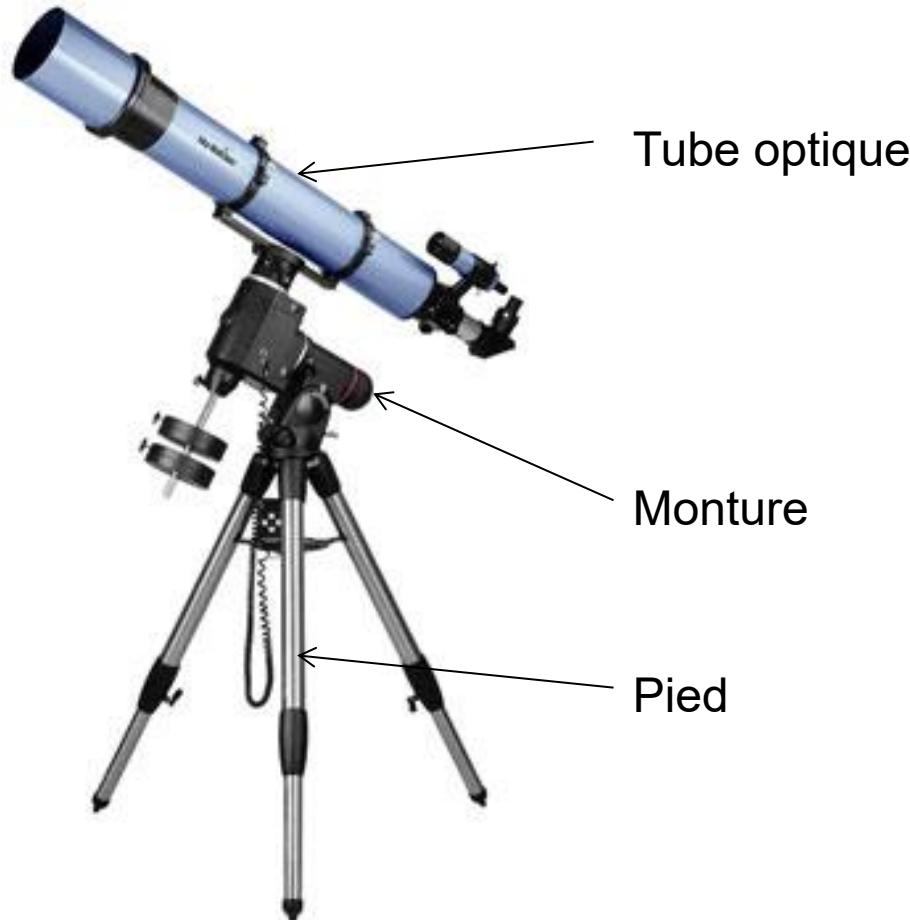
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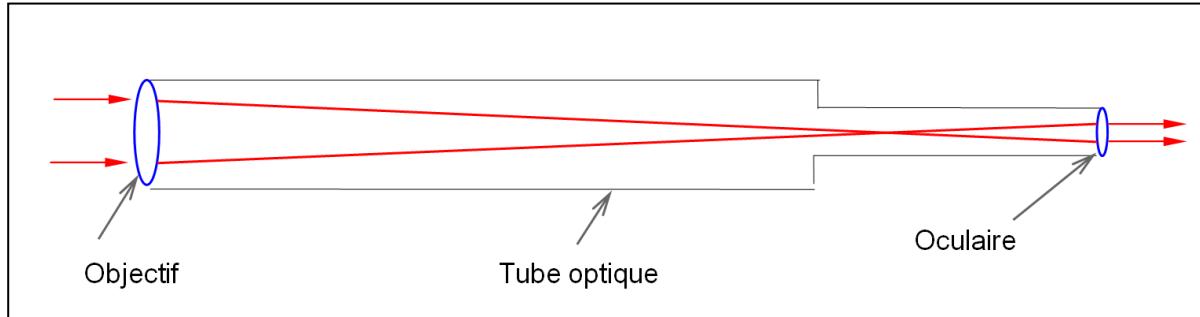
# Les instruments



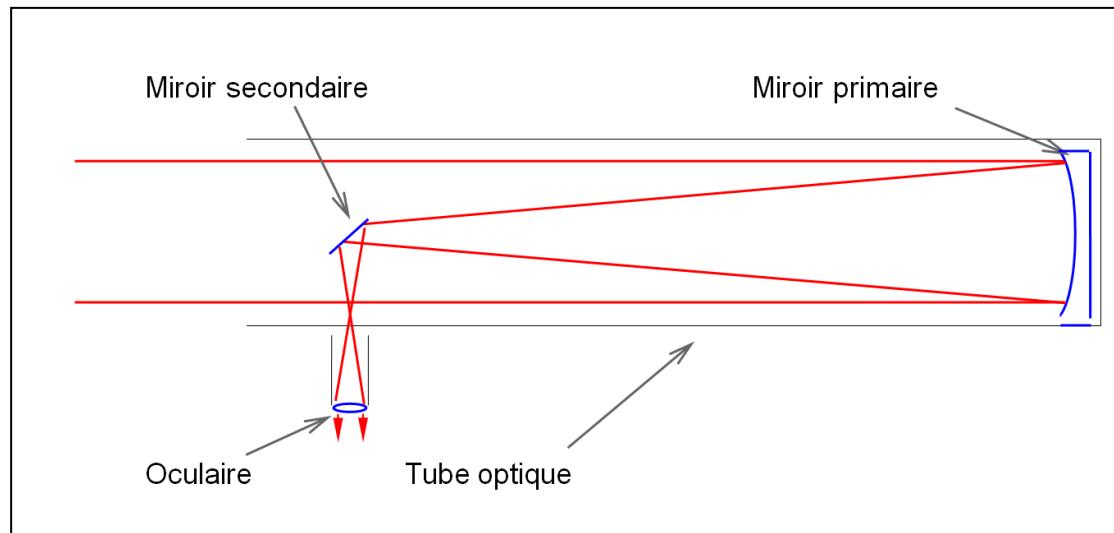
# Les instruments



# Les instruments



Lunette astronomique



Télescope

# Les instruments



*Monture*



*Pied*

# Programme

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# Histoire de l'astronomie

Comment historiquement en est-on arrivé à notre niveau de connaissance actuel ?

Les principaux grands hommes :



Aristote  
(-384, -322)



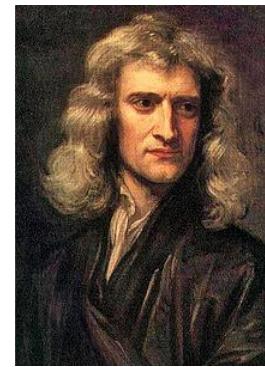
Ptolémée  
(100, 168)



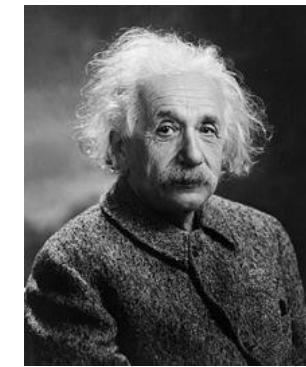
Copernic  
(1473, 1543)



Galilée  
(1564, 1642)



Newton  
(1642, 1727)



Einstein  
(1879, 1955)

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# Astrophysique

**Comment ça marche, là-haut ?**



*Vivre mieux !*

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