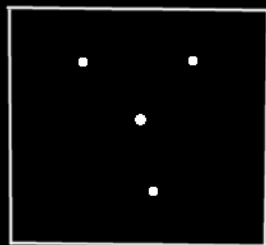


Deprojektion von Sternbildern

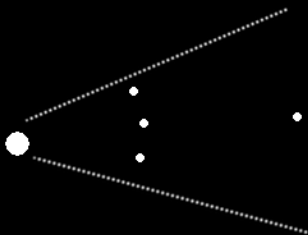
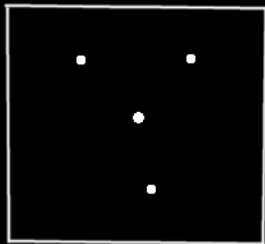
c¹/4h by sPhErE,
2016-08-25

powered by L^AT_EX

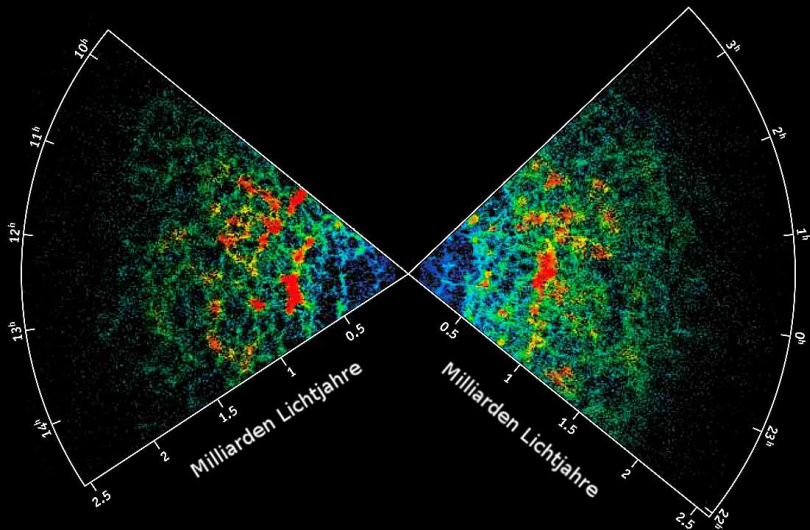
Problematik:



Problematik:

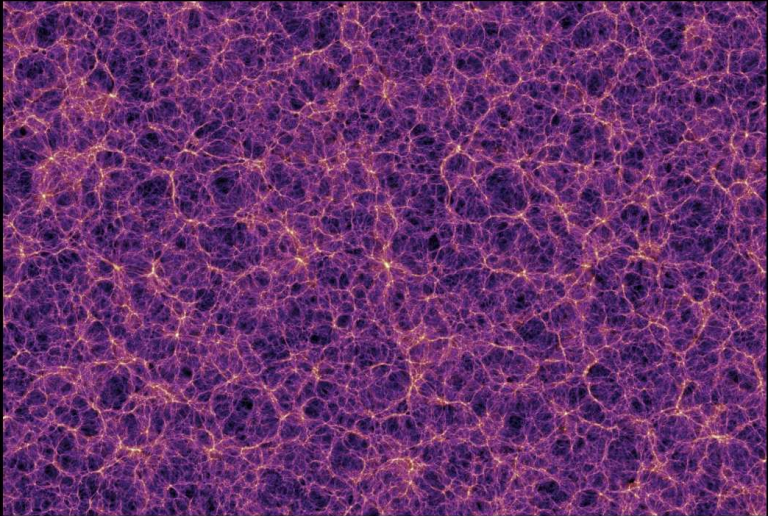


Unsere Position im Universum



(Quelle: 2dFGRS/Colless99)

Unsere Position im Universum



(Quelle: Millennium/Springel06)

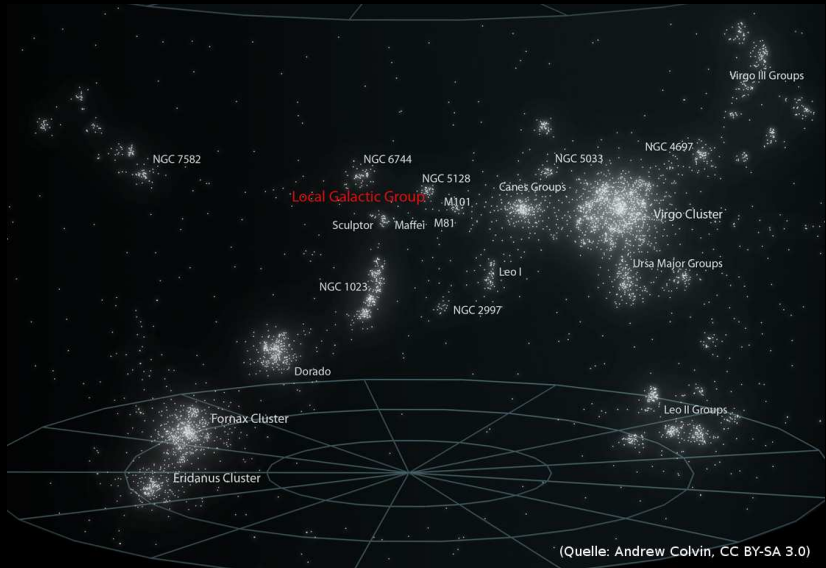
Unsere Position im Universum



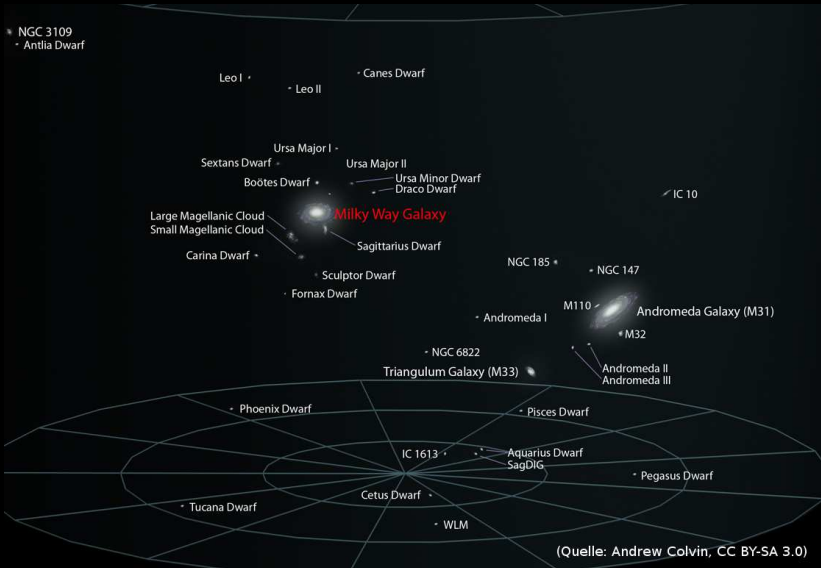
Unsere Position im Universum



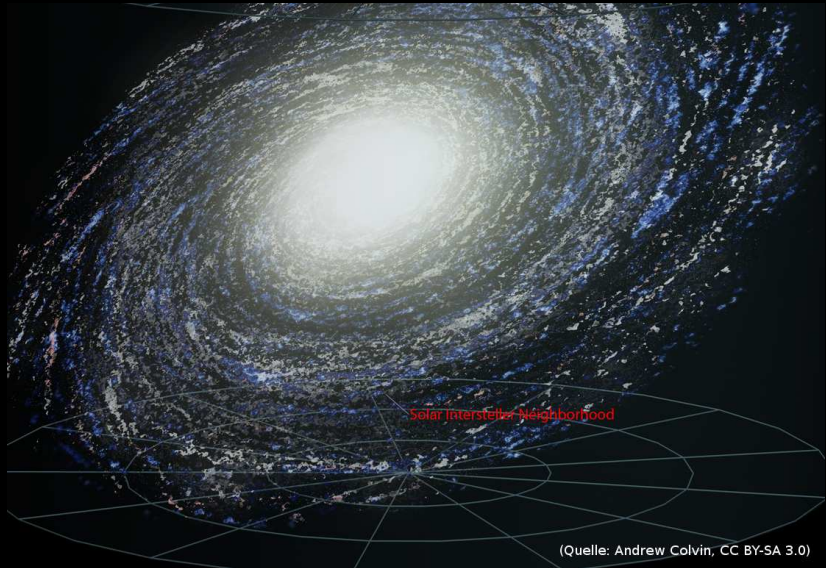
Unsere Position im Universum



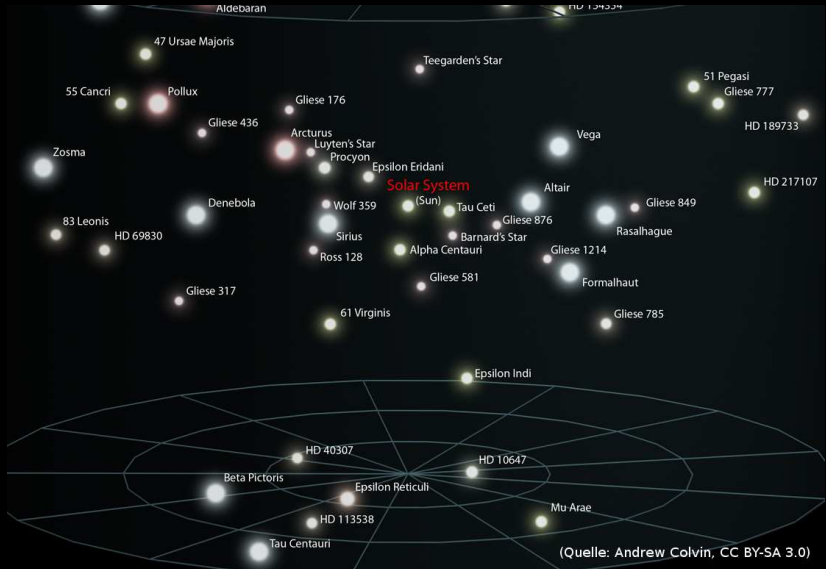
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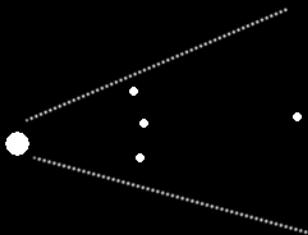
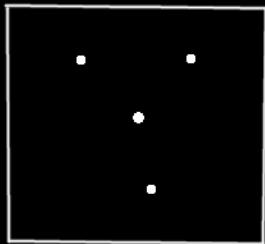
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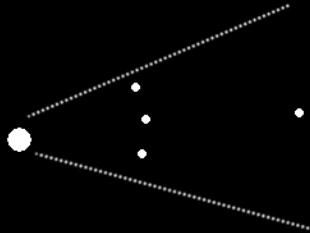
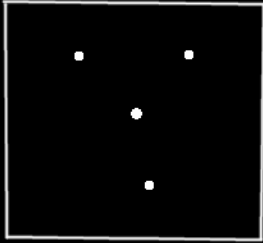
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Problematik:



Problematik:



- Ferner Planet: Wie stellt sich Nachthimmel dar?

First step: Need data

First step: Need data



Second step: Need fancy plot

```
import matplotlib.pyplot as plt
from mpl_toolkits.mplot3d import Axes3D

# Get figure and axes objects
fig = plt.figure()
ax = Axes3D(fig)

# Create plot
x, y, z = (...)
ax.scatter(x, y, z, depthshade=True)
```


Second step: Need fancy plot

- `matplotlib.animation`
- ...oder die poor man's Variante:

```
# Save frames  
for i in range(0,360):  
    ax.view_init(elev=..., azimuth=...)  
    plt.savefig(...)
```

