

*First Scientific  
3D real time galaxy*

# SkyExplorer

*Real Time Universe*

**4**

*Enter a new age*

# SkyExplorer 4

## Revolutionary Interface

Enter a new age



### VIRTUAL HARD DRIVE

Instantly reorganize your resources with no delay for file copying time.



### RESOURCE MANAGER

Instant access to all your system resources on one screen.



### DRAG & FLY

Drag an astronomical object or a place from your library to the "dome view" and fly to it.



### DRAG & DROP

Drag an object from the Library or from your Windows Explorer to the "dome view" for instant display.

The screenshot shows the main interface of SkyExplorer 4. On the left is a vertical sidebar with categories: TYPE (Virtual Drive, SPC), ASTRONOMICAL OBJECT (Constellation), PLACE (Image/Video, 3D Model, Audio, Font, MESSIER), and PANORAMA. The central area is the "dome view", a 3D perspective projection of Earth and the surrounding space. In the foreground, a circular menu is open over a photograph of three astronauts. The menu includes options: EARTH, UMA (URSA MAJOR) ▶, LINE OFF, PICTURE ON, BOUNDARY ON, and LABEL ON. A blue line connects the "IMAGE/VIDEO" icon in the sidebar to the "IMAGE/VIDEO" section in the dome view. A blue circle highlights the "IMAGE/VIDEO" icon in the sidebar and the "IMAGE/VIDEO" section in the dome view. A blue arrow points from the "IMAGE/VIDEO" icon in the sidebar to the "IMAGE/VIDEO" section in the dome view.



### PICKING TECHNOLOGY

When you are in the "dome view", objects can be clicked and a list of possible actions will appear.



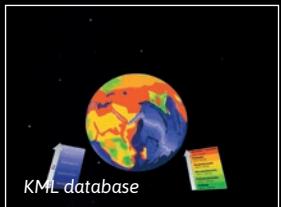
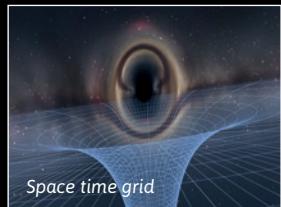
### AUGMENTED PRESENTER TOOLS

View additional information such as labels and control menus in your "dome view" without them being seen by the audience.



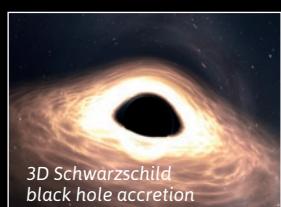
## First Scientific interactive 3D Real Time galaxy

- Over 159 billion stars
- 10 million dust & gas particles
- 117 000 HII regions
- 50 000 Open clusters



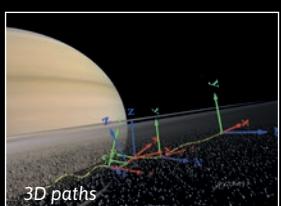
## SkyExplorer includes Open Cosmos database that evolves every year:

- Full Solar System
- Over 13 000 satellites from SPACETRACK catalog
- Over 400 000 asteroids from ASTORB catalog
- Over 3 000 comets from NASA SSD JPL catalog
- Oort Cloud simulation (NAOJ)
- Over 100 000 stars from Hipparcos catalog
- Over 400 exoplanets (Schneider, CPSC)
- Over 49 000 quasars and 780 000 galaxies (2DF, SDSS, V8K and Tully Catalog))
- WMAP...



## SkyExplorer 4

Accurate software,  
developed with  
the scientific  
community



## SkyExplorer V3.3

Easy use with  
Educational features

# With SkyExplorer ENJOY ANNUAL UPDATING !



### SkyExplorer V3.1

Focus on Hyper  
Realism!

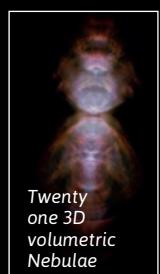


Realistic Saturns Rings



Exoplanet systems

Enjoy a large library  
of 3D objects



### SkyExplorer V3.2

Other sciences in  
your dome !

