Gemini adaptive optics image of the star 1RSX J160929.1-210524 and its likely ~8 Jupiter-mass companion. [NIRI+Altair]

Target
Bright
2h

Note: Becomes Bright/Primary target in AO mode.

www.gemini.edu/release-J160929

Gemini adaptive optics image of the star 1RSX J160929.1-210524 and its likely ~8 Jupiter-mass companion. [NIRI+Altair]
51 Eri b is a Solar System-like planet that has twice the mass of Jupiter and an atmosphere rich in methane. [GPI]
Saturn and Titan! What else needs to be said?! [NIRI + Altair]

Note: Becomes Bright/Primary target in AO mode.

(Saturn and Titan)

www.gemini.edu/release-titan

Saturn and Titan! What else needs to be said?! [NIRI + Altair]
Our Sun might meet a similar fate in 4-5 billion years once its hydrogen nuclear fuel becomes scarce! [NIRI+Altair]
NGC3359 is one of the most glorious examples of a spiral galaxy with the presence of a straight bar in the center. [GMOS-North]

Note: Becomes Bright/Primary target in AO mode.
Old star clusters help to better understand the formation and evolution of our Galaxy during its earliest development. [GSAOI + GeMS]
It remains unclear if the parent of this beautiful object is the brightest star near the center or the much dimmer and bluer star! [GMOS-N]
Young open cluster of massive stars. Its total mass sums to 300 to 400 times the mass of the Sun. [GMOS-South]
The galaxy group VV 166 is in the direction of the Andromeda constellation. [GMOS-North]
Three Type Ib supernovae have exploded in this galaxy recently: SN 1999eh, SN 2007uy, and SN 2008D (this image). [GMOS-North]
NGC 6872 (left) and companion galaxy IC 4970 (right) are locked in a tango as the two galaxies gravitationally interact. [GMOS-South]

www.gemini.edu/gallery

NGC 6872 (left) and companion galaxy IC 4970 (right) are locked in a tango as the two galaxies gravitationally interact. [GMOS-South]
Starburst galaxy NGC 1313 is a stellar incubator delivering stars on a scale rarely seen in a single galaxy of its size! [GMOS-S]

www.gemini.edu/release-NGC1313
A1689B11 is an extremely old spiral galaxy located in the Abell 1689 galaxy cluster. [Artist interpretation + NIFS]
NGC1052-CF2, an ultra-diffuse galaxy, appears to have almost no dark matter! [GMOS-North]
The ejected material from the 1843 eta Carinae blast is the fastest ever seen from a star that survived a massive ejection. [Artist interpretation]
This 4.8-micron image was obtained on January 11, 2017, to support the NASA/JPL Juno spacecraft. [NIRI + Altair]

ToO: Complete before your next turn.

--- Non-siderial target ---

-1 if played, but not complete in time.

(Jupiter)

www.gemini.edu/release-Juno

This 4.8-micron image was obtained on January 11, 2017, to support the NASA/JPL Juno spacecraft. [NIRI + Altair]

ToO: Complete before your next turn.
The gravitational wave event GW170817 emitted optical and infrared light, and was the product of colliding neutron stars. ([Flamingos-2](https://www.gemini.edu/release-GW)
'Oumuamua is an object from outside our Solar System that passed near Earth in mid-October 2017. [Artist interpretation + GMOS-South]
The host galaxy for this Fast Radio Burst is a dwarf galaxy, which is only about 1% of the mass of the Milky Way [GMOS-North].

ToO: Complete before your next turn.

-1 if played, but not complete in time.

FRB 121102

ToO: Complete before your next turn.