

COLLOQUIUM

NASA's Astronomy Picture of the Day: Popular and Innovative Images in Modern Astrophotography

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Astrophotography is one of the most popular areas of digital imaging, and NASA's Astronomy Picture of the Day (APOD: <https://apod.nasa.gov/>) is one of the most prominent venues for public astrophotographic display. The popularity of astrophotography spurs competition that results in innovation in imaging component areas including science, education, hardware, and software. NASA and the world's foremost astronomical observatories typically lead in science and hardware innovation, while astrophotographers and data analysts usually lead in education and software innovation. Examples of all types of astrophotography, as highlighted on APOD, will be presented and discussed, including videos and some of the best, most popular, and most innovative astronomy images yet taken.