

Indiana University of Pennsylvania

## Fall 2024 Planetarium Shows

**FREE** at the Cejka Planetarium, Kopchick Hall, IUP campus



### **Magical Lights: Stars**

**Tues. October 29, 2024, 7:00 P.M.**

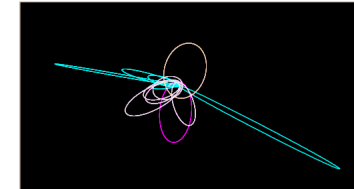
**Sat. November 2, 2024, 11:00 A.M.**

Stars are the most common objects in the night sky, but what do we know about them? Come to find out what we have learned so far about how they shine, how they differ from one another, and how long they last. (Pleiades star cluster by Antonio Fernandez-Sanchez)

### **How Many Are There? Planet Nine**

**Mon. December 16, 2024, 7:00 P.M.**

Those who remember the Pluto controversy of 2006 know how attached we can be to labels like "planet." Recent observations suggest that additional large objects could exist farther from the Sun, sparking a search to find them. (Orbits of objects beyond Neptune; Tomruen Wikimedia Commons CC BY SA 4.0)



**Sponsored by**  
**IUP Anthropology, Geospatial, & Earth Sciences Dept.**  
**IUP Kopchick College of Natural Science and Mathematics**

Shows are at the Indiana University of Pennsylvania Cejka Planetarium, located on the second floor (Oak Grove level) of Kopchick Hall. Kopchick Hall is on the east side of the Oak Grove. Weather permitting, after the show telescope observing of the night sky (evening shows) or of the Sun (daytime shows) will be available. Seating is limited; doors will open 15 minutes before each show.

Groups that wish to attend are asked to call in advance. For more information call 724-357-2440.