

Calendar for Astronomy Picture of the Day discussions. Each topic is listed for the day *after* the lecture on that topic. You are expected to give one 3-minute talk during the course. No more than 2 students can sign up for any day, but you can select from any topic on that day.

Day 1-2: Devin & Adam examples

Day 3 (July 8th, 2010): Light and Spectra

<http://apod.nasa.gov/apod/ap070624.html> - Solar Spectrum -- **Christine**

Day 5 (July 12th, 2010): Gravity, Motion, and Doppler Shift

<http://apod.nasa.gov/apod/ap070114.html> - Galactic Center orbits -- **Jessi**

(<http://www.astro.ucla.edu/~ghezgroup/gc/pictures/orbitsMovie.shtml>)

Day 6 (July 13th, 2010): Telescopes, & Lookback Time

<http://apod.nasa.gov/apod/ap090525.html> - Hubble Space Telescope -- **Tiffany**

<http://apod.nasa.gov/apod/ap090403.html> - Telescopes around the world -- **Thao**

Day 7 (July 14th, 2010): Parallax & Distance

<http://apod.nasa.gov/apod/ap060514.html> - Very Large Array -- **Joe M.**

Day 8 (July 15th, 2010): The Sun

<http://apod.nasa.gov/apod/ap100316.html> - Corona -- **Stephanie B.**

<http://apod.nasa.gov/apod/ap100609.html> - The Sun -- **Rob**

Day 10 (July 19th, 2010): Stars and Fusion

<http://apod.nasa.gov/apod/ap100211.html> - Open cluster M34 -- **Kyle**

<http://apod.nasa.gov/apod/ap100106.html> - Betelgeuse -- **Rahkee**

Day 11 (July 20th, 2010): Stars: stellar life cycle and the HR diagram

<http://apod.nasa.gov/apod/ap100204.html> - Dust & Birth in Perseus -- **Taylor**

<http://apod.nasa.gov/apod/ap100331.html> - Omega Centauri Globular Cluster -- **Joseph**

Day 12 (July 21st, 2010): Stellar death, White Dwarves, Neutron Stars, Black Holes

<http://apod.nasa.gov/apod/ap100221.html> - NGC 2440 Planetary Nebula forming -- **Holly**

<http://apod.nasa.gov/apod/ap100501.html> - Pulsar Nebula PSR B1509-58 -- **Lucien**

Day 13 (July 22nd, 2010): The Interstellar Medium

<http://apod.nasa.gov/apod/ap100112.html> - Flame Nebula -- **Chris**

<http://apod.nasa.gov/apod/ap100214.html> - Rosette Nebula -- **Emma**

Day 15 (July 26rd, 2010): Galaxies: The Milky Way

<http://apod.nasa.gov/apod/ap100125.html> - The Magellanic Stream -- **Randy**

<http://apod.nasa.gov/apod/ap081110.html> - The Galactic Center -- **Mike P.**

Day 16 (July 27th, 2010): Galaxies: Others

<http://apod.nasa.gov/apod/ap100107.html> - The SMC Dwarf Irregular – **Matt**
<http://apod.nasa.gov/apod/ap100109.html> - Andromeda Spiral -- **Stephanie V.**

Day 17 (July 28th, 2010): Galaxies: Groups, Clusters, & Dark Matter
<http://apod.nasa.gov/apod/ap100529.html> - Black Holes in mergers -- **Mike B.**
<http://apod.nasa.gov/apod/ap080823.html> - The Bullet Cluster -- **Raleigh**

Day 18 (July 29th, 2010): Clusters & Large Scale Structure
<http://apod.nasa.gov/apod/ap100502.html> - Coma Cluster -- **Miles**
<http://apod.nasa.gov/apod/ap090716.html> - Hercules Cluster -- **Naveen**

Day 20 (August 2nd, 2010): Large Scale Structure & The Distance Ladder
<http://apod.nasa.gov/apod/ap091028.html> - Furthest galaxy cluster -- **Josh**
<http://apod.nasa.gov/apod/ap071211.html> - The Universe nearby -- **Emily**

Day 21 (August 3rd, 2010): Cosmology & CMB
<http://apod.nasa.gov/apod/ap031231.html> - WMAP CMB, the age of the universe -- **Lisle**
<http://apod.nasa.gov/apod/ap061007.html> - COBE CMB -- **Forbes**

Day 22 (August 4th, 2010): Expansion/Fate of the Universe & Dark Energy
<http://apod.nasa.gov/apod/ap010404.html> - Type Ia and expansion -- **Tyler**

Day 23 (August 5th, 2010): Big Bang & Inflation