## CAT'S EYE **NGC 7662 NGC 7009** NGC 6826

## **Planetary Nebulas**

When a star like our Sun runs out of hydrogen, it puffs off its outer layers and leaves behind a hot core. Winds from this core create a complex and graceful filamentary shell called a planetary nebula (so called because it looks like the disk of a planet when viewed with a small telescope). This panel of images shows four examples of planetary nebulas where Chandra's X-ray data (purple) have been combined with optical images from Hubble (yellow and cyan). X-ray images reveal clouds of multimillion-degree gas that have been compressed and heated by these winds.

## **May 2013**

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