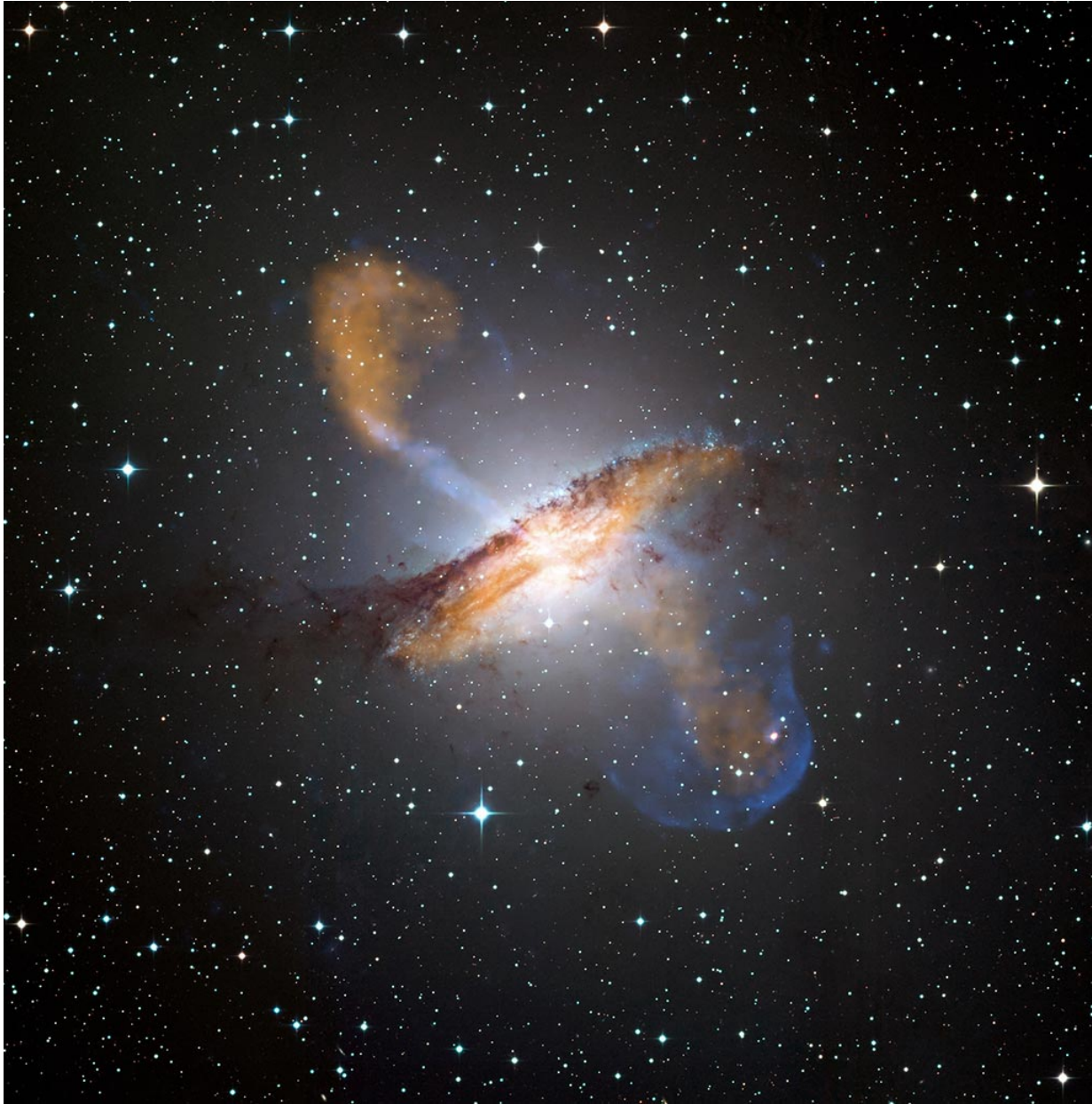


13.11: Active Galaxies

Active galaxies are those galaxies with extreme energy output; approximately 10% of all known galaxies fall into this group. There are a number of types and classifications of Active galaxies. The **Seyfert galaxies** look like Spirals but produce extreme energy output. **Radio galaxies** emit large amounts of radio electromagnetic radiation. There are other galaxy related objects, such as Starburst galaxies, Quasars and Blazars.



Centaurus A, Radio galaxyCC BY 4.0 | Image courtesy of ESO/WFI (Optical); MPIfR/ESO/APEX/A. Weiss et al. (Submillimetre); NASA/CXC/CfA/R. Kraft et al. (X-ray).



Hoag's Object, Ring galaxyPublic Domain | Image courtesy of NASA.



M82, Starburst galaxyPublic Domain | Image courtesy of NASA.

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