Journal Club Jargon Buster

# Key Journals:

* Astronomy and Astrophysics (A&A)
* The Astrophysical Journal (ApJ)
* Monthly Notices of the Royal Astronomical Society (MNRAS)
* Nature Astronomy
* Annales Geophysicae (AnGeo)
* Geophysical Research Letters (GRL)
* Journal of Geophysical Research (JGR)

# Key Acronyms:

## General:

* BB – Black-Body
* BH – Black Hole
* CCD – Charge-Coupled Device
* CDM – Cold Dark Matter
* CMB – Cosmic Microwave Background
* CSM – Circumstellar Medium
* FWHM – Full-Width at Half-Maximum
* GRB – Gamma Ray Burst
* IGM – Intergalactic Medium
* IMF – Initial Mass Function (or Interplanetary Magnetic Field)
* ISM – Interstellar Medium
* NS – Neutron Star
* PSF – Point-Spread Function
* SED – Spectral Energy Distribution
* WD – White Dwarf
* ΛCDM – Lambda-CDM

## AGN:

* AGN – Active Galactic Nucleus/Nuclei
* BLR – Broad Line Region
* Compton-thin/-thick – N(H\_)</>1.5x1024cm2
* Hot DOGs – Hot Dust Obscured Galaxies
* Hy/U/LIRGs – Hyper/Ultra/Luminous Infrared Galaxies
* XBONG – X-ray Bright Optically Normal Galaxy

## Supernovae:

* CC – Core-Collapse
* DD – Double-Degenerate
* DDDDDD (D6) – Dynamically Driven Double-Degenerate Double-Detonation
* SD – Single-Degenerate
* SLSN – Super-Luminous Supernova

## Galaxy:

* HMF – Halo Mass Function
* ICM – Intracluster Medium
* NFW – Nevarro-Frenk-White Profile
* SMF – Stellar Mass Function

## X-Ray Binaries:

* ADAF – Advection Dominated Accretion Flow
* CV – Cataclysmic Variable
* HMXB – High Mass X-ray Binary
* LMXB – Low Mass X-ray Binary
* NLTE – Non-Local Thermodynamic Equilibrium
* QPO – Quasi-Periodic Oscillation
* RIAF – Radiatively Inefficient Accretion Flow
* SG/SGXB – Supergiant/Supergiant X-ray Binary
* ULX – Ultra-Luminous X-ray Source
* YSO – Young Stellar Object
* ZAMS – Zero Age Main Sequence

## Space Environment Physics:

* IMF – Interplanetary Magnetic Field
* MHD – Magnetohydrodynamics