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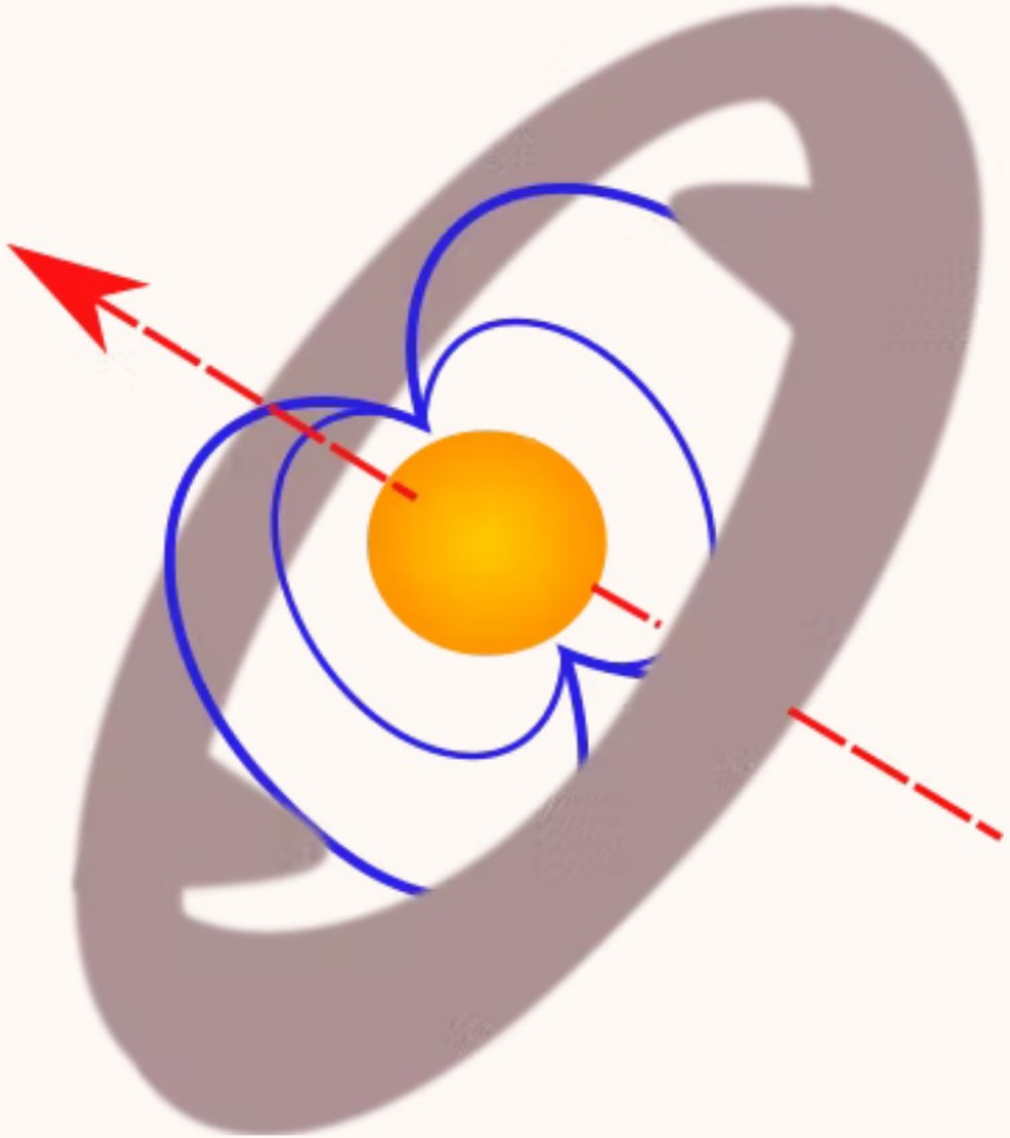

Accretion Splinter: Open Discussion

Any open questions to raise?

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When is a system no longer "young"? Is it age? No more accretion/disk? On the main sequence?

How stable are magnetic fields in YSOs?

How can we tell if there is one accretion shock that is stratified, and not several shocks with different conditions?

We know the magnetic field affects the flow of material, and therefore the hotspots. But how do the flow/hotspots in turn affect the magnetic field?

Is the inner disk aligned with the stellar rotation axis?

How to intermediate-mass stars with weak fields accrete?

Why do x rays and uv emission in ctts seem largely uncorrelated even though we think both come from the accretion shock?

How can one distinguish cold spots with 70-80% filling factor from hot spots?

How does accretion work in low metallicity systems?

Any open questions to raise?

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For photoevaporating disks due to external UV radiation from nearby O, B stars, how would H alpha and other Balmer emission line profiles and accretion rate measurements be affected compared to disks in weak UV environment?

When should we stop observing? How do we know when we reach the point where we know everything there is to know in general and further observations just give us other statistical realizations of the same phenomenon?

IT COULD BE INDIVIDUAL OBJECTS OR PARTICULAR CLASSES/BEHAVIOURS.

Any interesting objects for understanding accretion?

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ex lupi

tw hya

variable objects

black holes

Any observations/modelling efforts needed?

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ULYSSES 2.0!

Time-resolved spectroscopy

It seems that we really do need more templates to fill the spectral sub types!

Time-resolved multi-band photometry

Observables derived from models

Modelling: structure of accretion column in 3d

IN A PERFECT WORLD, REGARDING TELESCOPE TIME, MODELLING, ETC...

Anything for the wish list?

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More multiwavelength spectrograph

Long-term variability studies

3d time variable MHD models with radiation transfer

More sun in Corsica