



Victoria Grinberg

Munich (LMU) \Rightarrow Erlangen/Remeis/ECAP
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with stops at MPE, UCSD & in Amsterdam

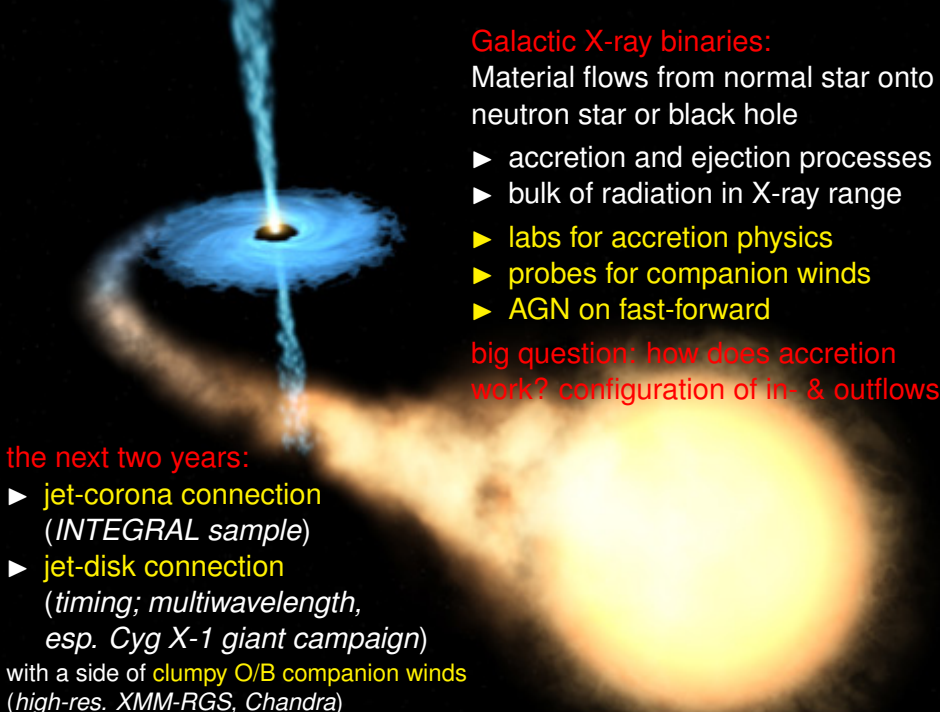
Non-astro: public outreach, good food, hiking, cooking, comics,
ELINAS (Erlangen Center for Literature and Natural Science) and in
general books, books, books

observational X-ray astronomy

- ▶ accretion & jets
- ▶ clumpy winds of massive stars
- ▶ variability (“timing”) from msec to years
- ▶ γ - & X-ray polarization

calibration: XMM-pn, INTEGRAL, RXTE

future mission: WG member for *Athena*, *XIPE*



Galactic X-ray binaries:

Material flows from normal star onto neutron star or black hole

- ▶ accretion and ejection processes
- ▶ bulk of radiation in X-ray range
- ▶ labs for accretion physics
- ▶ probes for companion winds
- ▶ AGN on fast-forward

big question: how does accretion work? configuration of in- & outflows

the next two years:

- ▶ jet-corona connection
(*INTEGRAL* sample)
- ▶ jet-disk connection
(*timing; multiwavelength, esp. Cyg X-1 giant campaign*)

with a side of clumpy O/B companion winds
(*high-res. XMM-RGS, Chandra*)