

# Jet formation in post-AGB binaries: Confronting cold MHD disk wind models with observations

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With about 100 Galactic candidates detected, Post-Asymptotic Giant Branch (post-AGB) binaries are now understood to be fairly commonly formed systems at the end of stellar evolution, displaying clear signs of ongoing re-accretion from their ubiquitous circumbinary disks. For  $\sim 35$  of these systems, long-term, high-resolution spectral monitoring of the  $H_\alpha$  line has revealed that this re-accretion has resulted in the launching of a jet from an accretion disk around the faint secondary star. I will first briefly describe the building blocks of post-AGB binaries, as well as how their jets are observed in  $H_\alpha$ . Afterwards, I will show how modelling of the jet-related spectral signatures throughout the orbit can closely probe the jet-formation physics, accretion disk properties and re-accretion phenomena in these intriguing systems.

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