

Scientific report on the workshop entitled “From winds to jets: The role of outflows in compact binaries (Outflows2019)”, held in Amsterdam on 1-3 July 2019.

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The first day focused on jets and covered the observational properties of jets of different accretors, and different theories for launching jets. The day was ended by a ~1 hr discussion session about open questions, including the link between jets and coronae.

The second day focused on disk winds and covered the observational properties of winds at different wavelengths, and different theories for launching winds. The ~1-hr closing discussion focussed on the link between jets and winds, and what types of observations are needed to further our understanding of the launching of disk winds.

The final day dealt with outflows in the super-Eddington and propeller regimes, and how outflows impact the evolution of the binary and the environment. After a mix of theoretical and observational talks, the final discussion session focussed on how much mass is lost from outflows, and if the interaction with the ISM should create nebulae.