

The formation and long-term evolution of circumbinary planetary systems across the H-R diagram

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Circumbinary planets with Gaia

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Gaia data release 4 is around the corner, and it will include the release of all the individual epoch astrometry for the first 5 years of the mission. Predicted to include 10s of thousands of exoplanets, it is less clear exactly what impact the Gaia data will have on circumbinary planet science. I will present up-to-date predictions of the expected yield of circumbinary planets from Gaia and discuss its application to known systems for confirmation of planet status and measurements of mutual inclinations between binary and planetary orbits.

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Session Classification: Future perspectives