Poster: What can Gaia reveal about the early phases of massive star formation in clusters?

- Stuart Lumsden

Gaia DR2 will provide proper motions for large numbers of stars within dynamically young massive star formation regions, and somewhat fewer direct distance measurements. I will demonstrate the value of these data by showing the application to the young massive star formation region NGC2264, in particular when combined with existing Herschel, Spitzer and ground based imaging and spectroscopic data from the optical to sub-mm, was well as state of the art modelling.

Clusters