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Star Formation in the Gaia Era

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Preferred type of presentation	Oral
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Abstract

The talk will review the work done on star-forming regions using Gaia data. We shall focus on our work done on the study of YSOs in the Serpens and Perseus Clouds. We will discuss the machine learning techniques used to identify YSOs and the kinematics of the star-forming regions. We shall also discuss possible scenarios of the star-forming histories of these clouds.