

Theoretical Insights into Star Formation: from the Early to the Present Day Universe

Contribution ID: 46

Type: **Review/Invited talk**

Accretion disks and massive stars: New light on an ancient history

Tuesday 6 May 2025 15:20 (20 minutes)

Investigating the formation of the most massive stars has since ever been a theoretical challenge and a difficult observational task. Substantial progress has been made recently on both fronts and it appears that circumstellar accretion disks (and the associated jets) are key to explain how these stars form. We will report on our contribution to this topic in the last twenty years, with special attention to the most recent results obtained with the Atacama Large Millimeter and submillimeter Array.

Primary author: CESARONI, Riccardo (Istituto Nazionale di Astrofisica (INAF))

Presenter: CESARONI, Riccardo (Istituto Nazionale di Astrofisica (INAF))

Session Classification: Session 1b