

Workshop

Stellar End Products: The Low Mass - High Mass Connection

ESO Garching, 6-10 July, 2015

Leonardo Testi (*invited*)

ESO, Germany

Title:

Mm and Submm Interferometry, Current & Future Capabilities

Abstract:

The Atacama Large Millimetre/submillimetre Array has started Early Science operations in 2011 and is now ramping up to Full Science operations. This revolutionary observatory is the leading facility for the observation of the Universe at (sub)mm wavelengths, and will maintain this role for the foreseeable future. As the third cycle of science operations is about to be completed and a record setting 1582 observing proposals for the fourth cycle are under review, a steady stream of new scientific results are constantly appearing in the literature. "Behind the scenes" new observing modes are being implemented and the first set of major upgrades are being worked on and will become available to the users in the coming cycles. In this talk I will briefly mention some of the initial ALMA results in the field of stellar evolution and will describe the current and future scientific capabilities and upgrades.