

Colloquium

SFB 956

Conditions and Impact of Star Formation

14.10.2013

Monday 4:00 pm

Physikalische Institute Köln

Lecture Hall III

Zülpicher Straße 77 | 50937 Köln

Leonardo Testi

European Southern Observatory, Garching

Science with ALMA: The Cool Side of the Universe

The Atacama Large Millimetre/Submillimetre Array is nearing completion at 5000m altitude in the Atacama desert. Science Verification and Early Science observations have already started to produce transformational science results. With the observatory quickly ramping up to Full Science operations, ALMA is the most powerful tool to explore the cool Universe. I will present the status of the observatory, its current scientific capabilities and science results. I will also discuss the science drivers and plans for ALMA upgrades in the coming years.

