Two current developments of the IRAM Science Software: OMS and CUBE

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Abstract

IRAM ambition is to provide cutting-edge radio-astronomy. This includes cutting-edge
software. This is done using two kinds of software: A) GILDAS, a collection of state-of-the-
art software oriented toward (sub-)millimeter radioastronomy, and B) Observation Manage-
ment System (OMS), a set of independent tools to manage a project along its lifetime from
submission to delivery of data.

In this talk, I will present 1) CUBE, a new GILDAS software to easily deal with many
large position-position-velocity cubes, and 2) the current status of the OMS project. The
objective of these projects is to provide users with an information system that will help them
to get the best science return from IRAM instruments and data.

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