

## 1st TETIS Workshop



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# ALMA Common Software (ACS) - Introduction and status

*Thursday 29 October 2020 09:00 (30 minutes)*

ACS is an open source project providing the infrastructure for the software of the Atacama Large Millimeter Array and several other projects.

ACS provides a framework for the development of distributed systems based on the Component/Container paradigm and a set of basic services like:

- Transparent remote object invocation,
- Publisher/subscriber paradigm
- System deployment/administration and object location
- Distributed error and alarm handling,
- Distributed logging,
- Configuration database,

In this presentation I will give an overview of ACS: basic concepts, history, status of collaboration and adoption, future perspectives, lessons learned.

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**Session Classification:** ACS and ASTRI