

ALMA Archive towards the Wideband Sensitivity Upgrade Era

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ALMA is undergoing the Wideband Sensitivity Upgrade (WSU), that will result in an increase of the instantaneous spectral bandwidth, spectral scan speed, and sensitivity for all observations. However, this will also bring some technical and data management challenges. I will present the major consequences of the upgrade for the data flow and the ALMA Science Archive development. I will also present the approaches that in the European ARC, and in particular in the Italian node, we are considering to face these new challenges.

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