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## Molecular gas and dust of selected lensed SMGs from the Herschel-ATLAS Science Demonstration Phase Data

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### Abstract content <br> &nbsp; (Max 300 words)

We present a molecular gas, dust, and star-formation study of selected lensed sub-millimeter galaxies (SMGs) discovered in the Herschel-ATLAS Science Demonstration Phase maps ([www.h-atlas.org](http://www.h-atlas.org)) and subsequently mapped with CARMA ([www.mmarray.org](http://www.mmarray.org)) and other higher resolution instruments. We detail the physical properties of the SMGs and introduce the lensing systems that magnify their emission, interpreting the results in the context of galaxy evolution.

### Apply to be<br> consider for a student <br> &nbsp; award (Yes / No)?

No

### Would you like to <br> submit a short paper <br> for the Conference <br> Pro-ceedings (Yes / No)?

Yes

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