

**CONTROL ID:** 2255934

**TITLE:** The C<sub>2</sub>H<sub>4</sub>O Isomeric Triplet in Orion KL

**ABSTRACT BODY:**

**Abstract Body:** The formation mechanisms of interstellar molecules, particularly those of potential biological importance, are of great interests. Comparisons between isomeric species may provide crucial insights to how different functional groups get (re)organized and how complex organics are assembled in the interstellar environment. (Sub)Millimeter interferometric imaging of molecular emission is best suited for probing such chemical differentiation among the families of isomeric species. We present in this talk results from an ALMA imaging experiment aiming at the C<sub>2</sub>H<sub>4</sub>O triplet toward Orion KL.

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**PRESENTATION TYPE:** Oral