

P108c **High Resolution ALMA Images of Young Stellar Objects in Lupus from the SOLA Project**

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We carried out a study with ALMA to investigate YSO properties at the Class 0/I/F stage in Lupus I, III, IV, and VI at a spatial resolution of 20 - 30 au ($\sim 0.15''$) at band 7 (0.8 mm). We reported discovery of two young binary candidates in Lupus III and VI in the 2017 Fall ASJ Annual Meeting (P116b). In this report, we present imaging results of other interesting objects. Among 7 detected sources, an unresolved continuum emission was detected toward Class 0/I source IRAS 15398-3359 and a compact emission toward Class 0 Lupus III MMS clearly resolved perpendicular to the CO outflow. In addition, J160115-415235 shows a complex spatial distribution in continuum and the emission distribution appears to show two arm or spiral structure similar to those identified in L1551 NE or Elias 2-27, but its size of 100 au is smaller than those of L1551 NE or Elias 2-27. Finally we detected CO emission with a double peak toward some of our sample in Lupus presumably suggestive of either a molecular outflow or a rotating disk.