

# Poster: The CMZoom Catalogue of High Mass Star Formation in the Central Molecular Zone

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The inner kpc of the Milky Way galaxy, the Central Molecular Zone (CMZ), contains vast reservoirs of dense gas but comparatively little star formation activity. The CMZoom survey uses the Submillimeter Array (SMA) to survey all regions with density  $10^{23} \text{ cm}^{-2}$  of the CMZ at sub-parsec scales. From the survey's 1.3mm dust continuum, we have developed a self-consistent and complete catalog of dense structure in this survey using an implementation of the dendrogram algorithm. We have also performed simulated observations to probe the accuracy and consistency of our implementation of the algorithm. We hope this new catalog will provide a resource for constraining the physics of the anomalous massive star formation in the CMZ and other environments.

*Galactic Scale*