

# The Warm ISM in the Sgr A Region: Mid-J CO, Atomic Carbon, Ionized Atomic Carbon, and Ionized Nitrogen Line Observations with the Herschel-HIFI and NANTEN2/SMART Telescopes

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Observed Sources: Sgr A\*, Sgr A east/west, the CND, the thermal and non-thermal filaments, the Arches and Quintuplet clusters, the Sickle, several clouds at distinct LSR velocities (e.g., the +20  $\text{kms}^{-1}$  and +50  $\text{kms}^{-1}$  clouds), and very high LSR velocity clouds, outside the Sgr A Complex, along the same line of sight

**-200  $\text{kms}^{-1}$**

**+200  $\text{kms}^{-1}$**

