

Cancellation conditions and boundedness of
Inhomogeneous Calderón-Zygmund operators on
local Hardy spaces associate with spaces of
homogeneous type.

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In this talk, we present sufficient conditions for the boundedness of inhomogeneous Calderón-Zygmund type operators on local Hardy spaces associated to spaces of homogeneous type in the sense of Coifman & Weiss for $0 < p \leq 1$. A new approach to atoms and molecules for local Hardy spaces in this setting is introduced with special moment conditions.

In Special Session 44 on Recent Advances in Harmonic Analysis, Partial Differential Equations, and Geometric Measure Theory at the Mathematical Congress of the Americas 2025.