

# Monodromy groupoid for singular foliations

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## **Abstract**

The holonomy groupoid of a singular foliation, given in complete generality by Androulidakis and Skandalis, has been an object of intense study since its appearance. In this talk, I will describe a new construction for this groupoid following the strategy of the classical construction for regular foliations, using paths, and mirroring the integration of Lie algebroids via paths (per Crainic and Fernandes). In this way, there is a characterization of the holonomy and fundamental groupoids of a singular foliation that more clearly reflects the homotopic character of these invariants.