A semi-local model for singular Riemannian foliations

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In this talk we present a semi-local model for a singular Riemannian foliation $\mathcal{F}$. More precisely, in a distinguish tubular neighbourhood, the first order approximation of F (linearized foliation $\mathcal{F}^\ell$) wich partially describes the dynamic of $\mathcal{F}$ will be given by the action of a Lie groupoid. Moreover $\mathcal{F}$ and $\mathcal{F}^\ell$ will be foliated diffeomorphic to a generalization of the holonomy foliation and his linearization, respectivelly. This talk is based on joint work with prof. Marcos Alexandrino (IME-USP) and prof. Ivan Struchiner (IME-USP).