

# Invariant hypersurfaces and nodal components for codimension one singular foliations

Marianna Ravara Vago<sup>1</sup>, Felipe Cano<sup>2</sup>, Jean-François Mattei<sup>3</sup>

<sup>1</sup> UFSC (Brasil)

<sup>2</sup> Universidad de Valladolid (Spain)

<sup>3</sup> Université Paul Sabatier de Toulouse (France)

It is known that there is at least one invariant analytic curve passing through each of the components in the complement of nodal singularities, after reduction of singularities of a germ of singular foliation in  $\mathbb{C}^2, 0$  (Camacho-Sad Theorem). Here, we prove a generalization of this property to any ambient dimension.