

# SEMPARIS – Séminaires en région parisienne

<http://string.lpthe.jussieu.fr/semparis/>

**TBA**

**Judi 26 Septembre 2024, 11 :00**

IHES, Amphithéâtre Léon Motchane

Domaines : math

Titre : *Principalization and Resolution on Foliated Manifolds*

Orateur : **Dan Abramovich ( Brown University et IHES )**

Résumé : *The work discussed is joint with André Belotto da Silva, Michael Temkin and Jaroslaw Wlodarczyk. Given a subvariety  $X$  of a nonsingular complex variety  $Y$  carrying a monomial foliation  $F$ , we construct an embedded resolution of singularities of  $X$  that is aligned with the foliation  $F$ , solving a problem of Belotto da Silva. This in particular implies resolution of singularities of singular integrable foliations.*

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