

**Title:** Holomorphic foliations by Riemann Surfaces.

**Abstract:** I will discuss some global results on possibly singular holomorphic foliations by Riemann Surfaces in compact complex manifolds. The results are also valid for laminations. The main example to have in mind is the foliation in the projective space, induced by a polynomial vector field in the affine space. The first result is a geometric ergodic theorem for hyperbolic foliations: averages on leaves converge towards a harmonic current directed by the foliation a.e. The second result is around the notion of hyperbolic entropy for a foliation. Both are joint work with T.C Dinh and V.A Nguyen.