11th ALGA Meeting

Maresias, São Paulo, from 10/16 to 10/22.

Speaker: Maurício Corrêa (UFV, Brazil)

Title: Numerical inequalities for flags of projective foliations

Abstract: In this talk will be presented some results on flags of holomorphic foliations and we will derive some Poincaré type inequalities relating the degrees of projective foliations in a flag. We will briefly discuss some geometric consequences of this result. We give an application to the question of integrability of osculating distributions in dimension 3.