Carolina Araujo:Â **Foliations with positive tangent sheaf**

In recent years, techniques from higher dimensional algebraic geometry, specially from the minimal model program, have been successfully applied to the study of global properties of holomorphic foliations. In this talk I will discuss foliations with positive tangent sheaf, with focus on those with ample anti-canonical class. I will present some results and techniques developed in a series of joint works with StÃ©phane Druel.