

## **Local invariants of analytic planar morphisms**

Patricio Almirón Cuadros

This talk focuses in the study of local geometry of analytic planar morphisms. First, I will introduce some basic concepts needed to present the main part of the work. Secondly, I will introduce the main analytic invariants related to the analytic morphism studied in the present work: the trunk and tangent map. I will present a new interpretation of the tangent map of an analytic morphism. To finish I will reinterpret a classical problem about polar curves; this leads to us to introduce an open question about the description of the jacobian germ together with an approach to a solution of a particular case of this problem.