

**Title:** Autotopism groups in translation planes

**Abstract:** A translation plane may be studied in many different ways: geometrically, combinatorially, algebraically, etc. An interesting mix of these three approaches consists in characterizing the geometry of a given plane by assuming some combinatorial information of the collineation group (group of symmetries) of the plane, such as order of a given group, type of action, etc.

In this talk we will see how by assuming a "large enough" (in order) collineation group of the plane (plus extra hypothesis) forces the plane to admit an autotopism group (a group fixing a triangle). This can be used to construct more geometric structures, namely flat flocks of Segre Varieties.