1146-52-144   **Deborah Oliveros*** (deboliveros@gmail.com), Instituto de Matemáticas, Campus Juriquilla, Boulevard Juriquilla 3001, Dr., 76230 Queretaro, Queretaro, Mexico. *Tverberg-Type Theorems with Altered Nerves and Intersection Patterns.*

Tverberg's theorem says that a set with sufficiently many points in $\mathbb{R}^d$ can always be partitioned into m parts so that the $(m-1)$-simplex is the (nerve) intersection pattern of the convex hulls of the parts. In this talk we will discuss that, Tverberg's theorem is a special case of a more general situation where other simplicial complexes arise as nerves. (Received January 17, 2019)