Contribution ID: **55** Type: **not specified**

Using space-time geometry as a tool

I will review a collection of results obtained over the years using the space-time topology and size to probe the dynamics of Yang-Mills fields. In particular our goal is to connect the region well described by perturbative and semiclassical methods to the confinement regime and its string-like behaviour. We will start by looking at the simpler 2+1 dimensional case and then move on to 3+1 dimensions, including the lastest results with a T_2xR^2 geometry.

Author: GONZALEZ-ARROYO, Antonio

Presenter: GONZALEZ-ARROYO, Antonio