FUNCTIONAL DATA ANALYSIS AND ASTROSTATISTICS

ROLANDO BISCAY

ABSTRACT. Functional Data Analysis (FDA) is a modern topic of Statistics that focus on data of functional nature such as random curves and fields. In this talk we provide an overview of the main statistical methods arising from recent advances in FDA and discuss their potential relevance in AstroStatitiscs. Special emphasis is given to methods based on generalizations of classical temporal models to functional data.

CIMFAV, Universidad de Valparaíso, Chile
E-mail address: rolando.biscay@uv.cl