

## **Machine Learning tools for large Sky Surveys**

I will present a multiplicity of science-ready tools based on machine learning to both fast and accurately analyse the data from upcoming large sky surveys and best exploit them for science. As a science case, I'll discuss the measurement of the total mass of galaxies using strong lensing and galaxy dynamics.

**Presenter(s)** : NAPOLITANO, Nicola R. (Sun Yat-sen University/Universita' di Napoli "Federico II")

**Session Classification** : Astro Physics & Particle