

## Combinaison des observables en cosmologie

**Jean-Marc VIREY**

*Centre de Physique Théorique, Marseille*

### Abstract

This course presents an overview of the statistical tools used in the framework of the combination of cosmological observables. A first part introduces the mathematical framework and presents the standard cosmological models with an emphasis on the definition of the main observables. The next part then reports and details the main cosmic probes results which constitutes the set of inputs to cosmological modeling tests. The last part provides a description of the framework used for the combination and the interpretation of the measurements.

The full article (19 p.) corresponding to this lecture is written in french and is provided in the proceedings of the book SOS 2008.