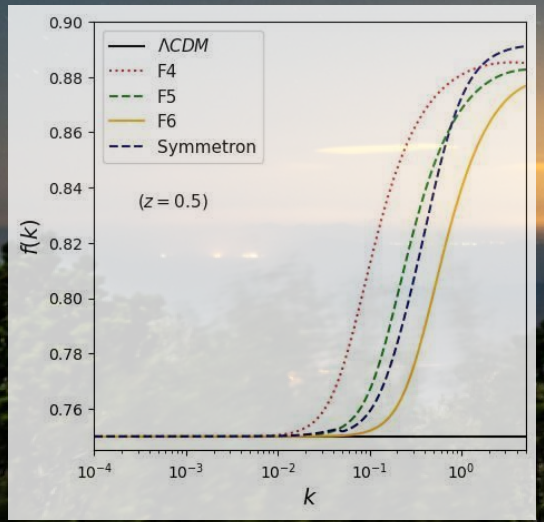
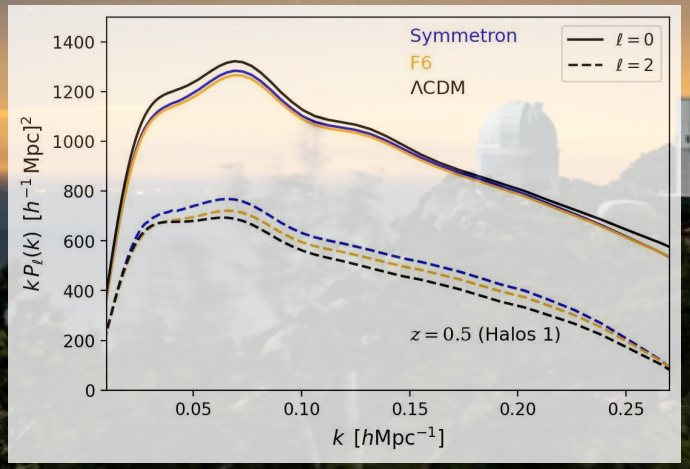
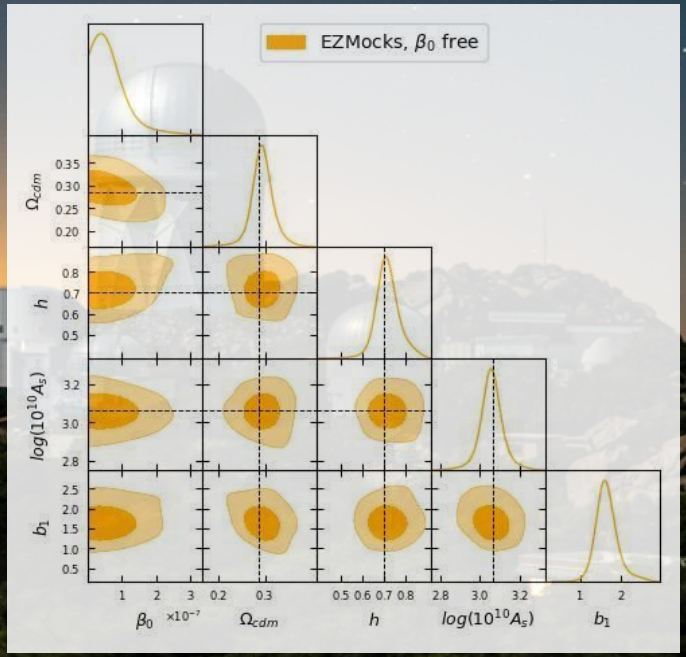
Fullshape analysis for modified gravity models

UNAM-ININ (Mexico)

Contact:
Slack: Gerardo Morales Navarrete
email: moralesnavarretegerardo@gmail.com

DARK ENERGY SPECTROSCOPIC INSTRUMENT
U.S. Department of Energy Office of Science

Theory:
(1) Perturbation theory up to one-loop.
(2) Effective field theory.
(3) Bias and stochastics parameters.
(4) Infrared resummation scheme.

Models implemented in FOLPS:
Hu-Sawicki f(R) and Symmetron

MCMC analysis