



TATA INSTITUTE OF FUNDAMENTAL RESEARCH

## **ICTS Webinar**

Title : Precision Cosmology as a Particle Physics Laboratory

Speaker : Daniel Francisco Boriero, Fakultat Fur Physik, Universitaet Bielefeld,

Bielefeld

Date : Wednesday, August 3, 2016

Time : 3:00 pm

Venue : Amal Raychaudhuri Room, ICTS Campus, Bangalore

Abstract : I will review how data from different cosmological probes can be used to

test and infer fundamental properties of the standard model of elementary

particles. Will be given some examples on how parameters of specific

models can be constrained as well as how one model can be selected over

others. Focus will be given on the data analysis, its capacity and limitations,

as well as the computational methodologies to better explore it.

Note: This talk will be via Skype

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