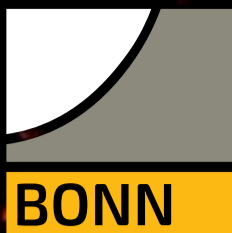


UNIVERSITÄT **BONN**



Bethe Center for
Theoretical Physics

Bethe Forum

Lecture Series on the Cosmic Microwave Background

February 10 - 14, 2020
Bonn, Germany

The cosmic microwave background (CMB) is one of the pillars of modern cosmology. Its existence firmly establishes that our universe was once filled with a hot and dense plasma, and the statistical properties of the CMB anisotropies teach us a great deal about the history and composition of our universe.

These lectures provide an introduction to the physics underlying the spectrum of the CMB as well as its anisotropies. In addition to an introduction to the underlying theory, they will provide a short introduction to the analysis of the data from current CMB experiments and will give an outlook what we may hope to learn from future precision measurements of CMB polarization.

Raphael Flauger
UC San Diego



Bethe Center for Theoretical Physics
Physikalisches Institut
Universität Bonn
Nußallee 12
53115 Bonn
Phone: (+49) 228 / 73 3770
e-mail: bethe-forum@uni-bonn.de
<http://bctp.uni-bonn.de>

Additional information and application form:

www.bctp.uni-bonn.de/bethe-forum/2020/cmb