

## 物理学科コロキウム

日時	2005年1月13日(木) 3:15pm - 4:50pm
場所	9号館 349室
講演者	Prof. Gerhard Boerner (Max Planck Institute)
題目	A Universe full of Dark Mysteries

### 講演要旨

In recent years astronomical observations have revealed that the expansion of the Universe is accelerating. This requires the existence of a constant or nearly constant energy density. This so-called Dark Energy is also measured in a detailed analysis of the anisotropies of the Cosmic Microwave Background. In many respects this quantity is still quite mysterious. In addition there exists also Dark Matter, and overall the known baryonic matter comprises only 5 percent of the total, 95 percent is unknown. In the talk the observations leading to these strange conclusions will be discussed, as well as some ideas for explaining them.

連絡先 伊藤 ( 3431 )