



universität**bonn**

Bethe Colloquium

Ruth Durrer

Geneva

Testing General Relativity with the Large Scale Structure of the Universe

In the measured distribution of galaxies we see not only the density fluctuations of the matter distribution but also effects from peculiar velocities and from perturbation of the spacetime metric. I shall discuss how these enter the observations of the galaxy distribution and how they may be extracted. I shall show that they can help us to test Einstein's equations of General Relativity in cosmology.

Lecture Hall 1

Physikalisches Institut
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Thursday, 21st June, 2018, at 16 c.t.

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