



Allgemeines Physikalisches Kolloquium Verleihung des Lehrpreises

Donnerstag, 04.07.2024 - 16 Uhr c.t.



Prof. Beate Heinemann

Deutsches Elektronen-Synchrotron DESY

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How Did Our Universe Begin and Why Do We Exist?

Over the past 100 years, significant insights have been gained about the early stages of the universe, especially the first three minutes. These insights were gained through enormous progress in our scientific understanding in cosmology, astrophysics, particle and nuclear physics and theoretical physics. Following the "Big Bang," the universe, initially extremely hot and incredibly small, expanded rapidly and cooled down. It went through various phases that critically shaped our universe, making the existence of matter, galaxies, the Earth, and ultimately, human beings possible. I will discuss what we have learned, and in particular how particle accelerators have contributed to this understanding and what open questions remain to be answered hopefully in the not too distant future.

Kolloquiums-Kaffee ab 16 Uhr vor dem Hörsaal

Institutsgruppe 1 – HS 2 Wilhelm-Klemm-Str. 10

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