



Physics Colloquium

Tuesday, 12 July 2022 at 17:00

Prof. Dr. Martin Plenio

Institute of Theoretical Physics and Center for Quantum Bio-Sciences, Ulm University

Quantum Physics and the Life Sciences

In this lecture I will discuss questions that relate to the interface between the quantum and the life sciences. First, do quantum dynamics play a significant role for processes of life despite the unavoidable presence of environmental noise and what might be promising areas to look for such effects? Secondly, could quantum technologies research lead to the development of new observational tools in the life sciences or even quantum effects in biological systems?



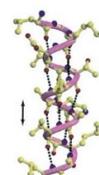
Photosynthesis



Olfaction



Magnetoreception



Chirality & Spin

Venue: Universität Leipzig, Faculty of Physics and Earth Sciences
04103 Leipzig, Linnéstraße 5, Lecture Hall for Theoretical Physics

Before the lecture, coffee and cookies are offered in front of the lecture hall.

We kindly ask you to observe the currently applicable measures for infection protection.