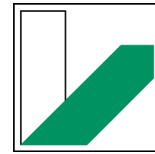


# Physikalisches Kolloquium



UNIVERSITÄT  
BAYREUTH

## Using models from physics to understand how antibiotics kill bacteria

Antibiotics are central in modern medicine. Antibiotics inhibit bacteria, but the process of how this happens is not always well understood. I will discuss how concepts from physics, including nonlinear dynamical systems, stochastic dynamics and even simple geometry might help us understand better how antibiotics work, and help us predict which antibiotics might be effective under which conditions. Using models from physics to understand how antibiotics kill bacteria

Datum: Mittwoch, 10. Mai 2023 | Zeit: 14:00 – 15:00 Uhr | Raum: H15 (NW I)



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