

**INVITADO:** Akaki Rusetsky (Helmholtz Institute – Univ. of Bonn)

**TITULO:** Resonances in lattice QCD

**LUGAR:** FACULTAD DE CIENCIAS FÍSICAS UCM

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**HORA:** 14:30 horas

**AULA:** Seminario Depto. Física Teórica II, Planta 2<sup>a</sup>

**ABSTRACT**

I review different methods to study unstable states on the lattice. In particular, I address the nature of the exotic mesons in the S-wave  $\pi\pi$  scattering. Further, I discuss the calculation of the resonance matrix elements on the lattice.