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Poster "The Mass And Possible Quantum Numbers of $X(6900)$ "

Thursday 23 May 2024 10:30 (1h 15m)

Abstract: "The poster will discuss various properties of $X(6900)$ and demonstrate and explanation of its unusual properties obtained by reducing one four-body problems into three two-body problems. The solutions were obtained with Mathematica 12, first for charmonium spectrum, then for all-charm tetraquark spectrum which is understood as a pair of two-particle states, mesons or diquark-antidiquark states."

Presenter: KUCHTA, Morgan (University of Wrocław)

Session Classification: Kindergarten