

LXXII International conference "Nucleus-2022: Fundamental problems and applications"

Contribution ID: 423

Type: **Oral talk (15 min + 5 min questions)**

Searches for Long-Lived Particles in CMS experiment

Tuesday, 12 July 2022 15:40 (20 minutes)

Many models beyond the standard model predict new particles with long lifetimes, such that the position of their decay is measurably displaced from their production vertex. We present recent results of searches for long-lived particles obtained using data recorded by the CMS experiment at the LHC

The speaker is a student or young scientist

Yes

Section

1. Intermediate and high energies, heavy ion collisions

Primary authors: SHALAEV, Vladislav (JINR, Dubna State University); SHMATOV, Sergey (JINR, Dubna State University)

Presenter: SHALAEV, Vladislav (JINR, Dubna State University)

Session Classification: Intermediate and high energies, heavy ion collisions