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Type: Oral

Lobachevsky space in analysis of relativistic nuclear interactions. Directed nuclear radiation - a new phenomenon.

Tuesday 17 September 2019 15:00 (20 minutes)

The relativistic nature of phenomena is illustrated in terms of the Lobachevsky geometry. The Lobachevsky space is used for description of particle production in relativistic nuclear physics on the basis of experimental data obtained at bubble chambers in π -C, p-C, C-C, n-p reactions in an energy range from units to tens of GeV. The new phenomenon - directed nuclear radiation - is discussed.

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Session Classification: General Properties of Radiation from Relativistic Particles

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