

# OPPORTUNITIES FOR THE FORMATION OF MODERN KNOWLEDGE OF THE "LARGE HADRON COLLIDER" IN THE TEACHING OF ATOMIC NUCLEUS AND ELEMENTARY PARTICLE PHYSICS

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## ABSTRACT

This article describes the possibilities for students to develop modern knowledge and skills about a large hadron collider - a device that accelerates charged elementary particles. It also provides information on the future prospects of a large hadron collider.

**Keywords:** Elementary particles, accelerators, large hadron collider, detector, learning technology, knowledge, skills and competencies.