

**Ukrainian contributions to particle physics: history and prospects -  
Український внесок у фізику елементарних частинок: історія та  
перспективи**

Ідентифікатор подання: 8

Тип: **не вказано**

**Theoretical contribution of NSC KIPT to  
experimental studies at high energies and  
international collaboration**

*вівторок, 27 січня 2026 р. 15:05 (25 хвилин)*

I will review directions of theoretical studies of physicists from NSC Kharkiv Institute of Physics and Technology during the past 10-15 years. Relation of these studies to experimental programs at the Large Hadron Collider (LHC) at CERN, and electron-positron colliders (KEKB, BEPC II) will be discussed. One of the main objectives of these studies is the search for effects of CP-symmetry violation in various processes and other signatures of New Physics beyond the Standard Model of particle physics. Collaboration with colleagues from France, Poland, USA in these directions of research will also be addressed.

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**Тип засідання:** Institutions, ideas, people