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## **STUDY OF RING-LIKE STRUCTURES IN PARTICLE EMISSION IN RELATIVISTIC NUCLEAR INTERACTIONS**

*Wednesday 9 September 2020 16:50 (30 minutes)*

The substructures in the emission of relativistic particles in central  $^{197}\text{Au}$  and  $^{208}\text{Pb}$  interactions with Ag, Br targets in nuclear emulsions at beam momenta 11.6 and 158 A GeV/c, respectively, have been investigated. The nonstatistical ring-like substructures of produced particles in azimuthal plane of a collision as result of hydrodynamic waves in nuclear matter have been searched and their parameters have been determined. The experimental results have been compared with the results simulated by Monte Carlo method.

**Presenter:** KRAVCAKOVA A.

**Session Classification:** Poster session