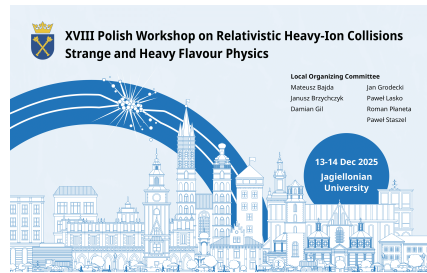


# XVIII Polish Workshop on Relativistic Heavy-Ion Collisions: Strange and Heavy Flavour Physics



Contribution ID: 36

Type: **not specified**

## Constrained kinetics and nonabelian symmetry driven correlations

*Saturday 13 December 2025 17:50 (15 minutes)*

The condition to preserve the internal symmetry of the system leads to new constraints for the kinetic equations.

Abelian symmetries lead to extensive variables that scale proportionally with the system size or number of particles. Nonabelian symmetries lead to variables that do not scale proportionally with the system size or number of particles and are realized by higher factorial moments.

Isospin symmetry will be treated as the example here.

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