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Type: **Poster + flash-talk**

## **Study of resonance production in small system collisions with respect to transverse sphericity using EPOS3**

*Monday 1 August 2022 18:50 (10 minutes)*

Hadronic resonances production provide insight into the properties of the hadronic phase. Studying the dependence of the yield of resonances on transverse sphericity and multiplicity allows us to understand the resonance production mechanism with event topology and system size, respectively. In this contribution, we present hadronic resonances production as a function of transverse sphericity using EPOS3 model with URQMD. The results include the transverse momentum spectra.

### **Preferred track**

High-temperature QCD

### **Subfield**

HEP experiment

### **Attending in-person?**

No

### **On behalf of collaboration?**

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**Session Classification:** Poster Session

**Track Classification:** High-temperature QCD