

# 11th International Conference on Hard and Electromagnetic Probes of High-Energy Nuclear Collisions



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Typ: Poster

## Dilepton anisotropy at low beam energies in a transport approach

*Dienstag, 28. März 2023 18:15 (2 Stunden)*

We present calculations of dielectron anisotropic flow in heavy-ion collisions at HADES beam energies from a hadronic transport approach. The collectivity of the electromagnetic radiation produced during the evolution of these collisions has recently been dubbed as a barometer, serving as a probe for the flow velocity of the underlying hadronic matter. In particular, we study the elliptic flow coefficient  $v_2$  of dileptons in different collisions systems, and its relation to the flow of hadrons.

### Experiment/Theory

Theory/Phenomenology

### Affiliation

Frankfurt Institute for Advanced Studies (FIAS)

**Hauptautoren:** HIRAYAMA, Renan (FIAS); Prof. ELFNER, Hannah (GSI Darmstadt)

**Vortragende(r):** HIRAYAMA, Renan (FIAS)

**Sitzung Einordnung:** Poster Session

**Track Klassifizierung:** Electromagnetic and electroweak probes