

# Relativistic hydrodynamics from projection operator method

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# Frame

→ ambiguity about fluid velocity

- Landau frame

$$u^\mu \propto u_\nu T^{\mu\nu} \quad \text{Energy current}$$

- Eckart frame

$$u^\mu \propto j^\mu \quad \text{Particle current}$$

Choice of reference frame?

# I am going to discuss...

- Frame is not choice of reference frame
- Landau frame is more essential than  
Eckart frame

Please come on my poster!

If you are interested....