



Contribution ID: 3

Type: **Oral**

## Hydrodynamic flow in small systems?

*Monday, 3 December 2018 15:00 (20 minutes)*

The “unreasonable effectiveness” of relativistic fluid dynamics in describing high energy heavy-ion and even proton-proton collisions will be demonstrated and discussed. Several recent ideas of optimizing relativistic fluid dynamics for the specific challenges posed by such collisions will be presented, and some thoughts will be offered why the framework works better than originally expected. I will also address the unresolved question where exactly hydrodynamics breaks down, and why.

**Primary author:** HEINZ, Ulrich (The Ohio State University)

**Presenter:** HEINZ, Ulrich (The Ohio State University)

**Session Classification:** Parallel 02