



Contribution ID: 187

Type: **Talk in parallel session**

## Nearly critical superfluids and holography

*Monday 2 September 2024 14:00 (30 minutes)*

I will discuss the low energy dynamics of finite temperature systems which are close to a superfluid phase transition. In the regime, the amplitude of the order parameter needs to be included in the description captured by the hydrodynamics of conserved quantities and the Goldstone mode. After presenting a field theoretic construction of a suitable effective theory, I will examine the phenomenology of suitable holographic systems.

**Link to publication (if applicable)**

**Presenter:** DONOS, Aristomenis (Durham University)

**Session Classification:** Parallel sessions