

- ★ Start with strongly interacting CFT without quasi-particles
- ★ Using scaling dimensions and operator product expansions (OPE) of the CFT, compute conductivity at $\hbar\omega \gg k_B T$
- ★ Relate OPE coefficients to couplings of an effective gravitational theory on AdS
- ★ Dynamics of a “horizon” in gravitational theory yields info at $\hbar\omega \ll k_B T$.