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## **Holographic Kondo defects and universality in holographic superconductors with broken translation symmetry**

*Thursday, 16 April 2015 16:40 (30 minutes)*

For a recently established holographic model of a magnetic impurity coupled to a strongly interacting system, we consider quantum quenches as well as the entanglement entropy. Both provide information about the size and formation of the Kondo cloud which screens the impurity. As a second topic, I will present recent results on universal behaviour in a family of holographic s-wave superconductors obtained by adding a scalar field to translation-breaking gravity backgrounds with Bianchi VII symmetry.

**Presenter:** ERDMENGER, Johanna

**Session Classification:** Afternoon session