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Type: **Talk**

## **Entanglement entropy in Yang-Mills theory: lattice measurements and qualitative features**

*Saturday 26 August 2017 15:30 (30 minutes)*

We review briefly lattice measurements of entanglement entropy in  $SU(3)$  Yang-Mills theory, following mostly the paper E. Itou et al., PTEP 2016 (2016) no.6, 061B01. We confront qualitative features emerging from the measurements with theoretical predictions based on field theory and holographic models.

### **Topic:**

Topic: Heavy Ion Collisions and Critical Phenomena

### **Summary**

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**Session Classification:** Parallel session

**Track Classification:** B Heavy Ion Collisions and Critical Phenomena