



Contribution ID: 114

Type: **not specified**

Quantum entanglement and KPZ relations

Friday, 18 June 2010 16:40 (20 minutes)

The entanglement of inaccessible subsystems of a quantum system may modify, under certain conditions, the universality class of its phase transitions. Numerical experiments on critical Ising model in two dimensions indicate that its modified universality class is well described by the Knizhnik-Polyakov-Zamolodchikov relations.

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talk

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Session Classification: Parallel 60: Theoretical developments

Track Classification: Theoretical developments