

Speaker: Sid Maibach (Universität Bonn)

Title: The real determinant line bundle

Abstract:

The conformal anomaly and the Virasoro algebra are fundamental aspects of 2D conformal field theory and conformally covariant models in planar random geometry. I derived the Virasoro algebra from an axiomatization of the conformal anomaly in terms of realdeterminant lines, which I will introduce briefly.