Quantum integrable systems, conformal field theories and stochastic processes



ID de Contribution: 71 Type: Non spécifié

On the backbone exponent

I will start by explaining how to derive in general critical exponents out of SLE (Schramm Loewner Evolution) computations. To make a connection with the subject of the school, I will also discuss what would be the analogous strategy for random planar maps. Finally, I will focus on the particular case of the so-called backbone exponent with some new insights on this topic. All concepts not introduced earlier during the school will be explained. Joint work with Jean-Christophe Mourrat.

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