

# Conformal field theory 3 ways: integrable, probabilistic, and supersymmetric



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## From Segal amplitudes to conformal block

*Friday 26 January 2024 11:15 (1 hour)*

We shall explain how to construct conformal blocks on Riemann surfaces for Liouville CFT from the probabilistic representation of Segal amplitudes in Liouville theory and the diagonalisation of the Hamiltonian done using analytic methods.

This is based on several joint works with Baverez, Kupiainen, Rhodes, Vargas.

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