

Modular Tensor Categories and Topological QFTs

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Abstract

We summarise Edward Witten's paper "Quantum Field Theory and the Jones Polynomial" and compare Witten's approach to topological quantum field theories via Feynman integrals and Wilson lines with the mathematical interpretation via modular tensor categories.

Time: 12 noon – 1 p.m., 23rd June 2021

Location: W.O.M.P.S. (M.S. Teams)

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Website: <https://warwick.ac.uk/fac/sci/math/research/events/seminars/areas/postgraduate/20-21>