

1102-11-180

**Martin T Luu\*** (mluu@math.stanford.edu). *From a Langlands Duality to a Duality of Quantum Field Theories.*

I will discuss a relation between a Langlands duality (specifically the numerical local Langlands correspondence) and a duality of two-dimensional quantum field theories. The key is switching from the  $\ell$ -adic to the complex version of Laumon's local Fourier transform. (Received July 28, 2014)