Categorical Symmetries in Quantum Field Theory (Conference and School)



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Sakura Schafer-Nameki: Categorical Symmetries and Generalized Charges

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I will give a summary of recent works on global categorical symmetries in QFTs, with a focus on non-invertible symmetries and their description in terms of fusion higher categories. In addition to discussing the symmetries, I will also introduce the notion of a generalized charge, and provide several examples of this for both invertible and non-invertible symmetries.