



Speaker: Riccardo Iraso
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Tuesday, January 23, 2018

4:00 PM

258 Hurley Hall

Title: 2d Yang-Mills in BV-BFV formalism

Abstract:

The BV-BFV formalism gives a general functorial approach to the quantization of gauge theories on manifolds with boundary. In this talk I will review the basics of the BV-BFV formalism and discuss its application to 2-dimensional Yang-Mills theory. The extension of the formalism to manifolds with corners allows to complete the analysis and compute the complete perturbative solution on surfaces with arbitrary genus.