

TOPOLOGY SEMINAR

Guest Speaker: Riccardo Iraso

SISSA

Date: Tuesday, February 14, 2017

Time: 4:00 PM

Location: 258 Hurley Hall



Lecture Title:

2-dimensional Yang-Mills theory and perturbative BV-BFV formalism

Abstract

In this talk I will survey the non-perturbative solution of the 2-dimensional version of Yang-Mills theory on surfaces with boundaries and outline the functorial approach to the quantization of gauge theories given by the BV-BFV formalism. I will then describe some explicit perturbative computations in this formalism and compare the results with the non-perturbative answer.