

Mathematical Physics Seminar

Javier Zuniga (Universidad del Pacifico, Lima, Peru)

in person in UNIV 319 and on Zoom

Thursday, Nov 11, 2021

10:30 - 11:30am

Title: A combinatorial model for bordered stable Riemann surfaces

Abstract: Moduli spaces of Riemann surfaces are ubiquitous in many branches of mathematics and physics. Different applications require the surfaces considered to be marked, stable, bordered, etc. One way to study these surfaces and their moduli is to consider combinatorial models known as ribbon (or fat) graphs. We will review these models and propose an extension to bordered stable surfaces using the double construction.

Meeting ID: **953 1862 5523**

Passcode: **184222**

<https://purdue-edu.zoom.us/j/>