

המחלקה למתמטיקה, בן-גוריון

קולוקוויום

ביום שלישי, 3 בינואר, 2023

בשעה 14:30 – 15:30

ב-101 Math

ההרצאה

BCFW AMPLITUHEDRON THE TRIANGULATION

חינתן על-ידי

Zurich) of (University Lakrec Tsviqa

תקציר: The (tree) amplituhedron was introduced by Arkani-Hamed in 2013. The central conjecture of the study is that the amplitudes of scattering in $N=4$ SYM can be described by triangulating the amplituhedron. In this talk, I will describe the cells of the amplituhedron and how they are related to the BCFW cells. I will also discuss the conjecture of resolution of the amplituhedron and the work of Tessler, Ran and Zohar.