Department of Mathematics, BGU

AGNT

On *Monday, May ,29 2023*

At *12:10 − 13:10*

In *101-*

George Papas (HUJI)

will talk about

Some cases of the Zilber-Pink conjecture for curves in $\mathcal{A}_g$

Abstract: The Zilber-Pink conjecture is a far reaching and widely open conjecture in the field of unlikely intersections generalizing many previous results in the area such as the Andre-Oort conjecture. We discuss this conjecture and how some cases of it can be established for curves in $\mathcal{A}_g$, the moduli space of principally polarized g-dimensional abelian varieties, following the Pila-Zannier strategy and bounds for the values of the Weil height at certain exceptional points of the curve.