

Department of Mathematics and Computer Science

Monday, April 5, 2021, 4:00 pm

COLLOQUIUM TALK

Speaker: Amanda Welch (College of the Holy Cross)

Zoom Meeting (ID: 97141845416)

Integer Partitions

Abstract:

Integer Partitions is a subject of mathematical study that falls within the fields of Number Theory and Combinatorics, where one counts the ways positive integers can be added to construct a given integer n . In today's talk, we'll explore the introductory ideas behind integer partitions, including examining partition identities and the techniques we use to prove them. Further, we will look into Beck's conjecture and extensions that have come from it.