UCCS Department of Mathematics

Math Colloquium Series

ANNA WEIGANDT

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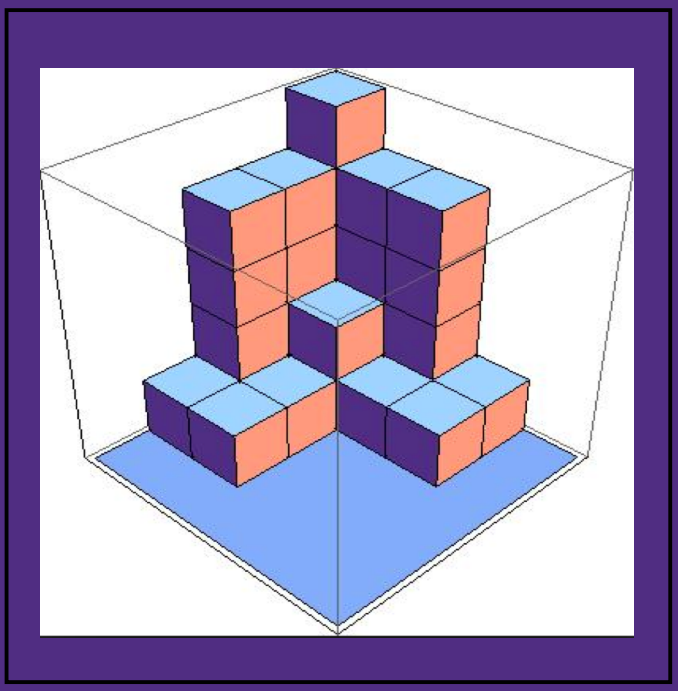

DATE:
APRIL 6, 2017

TIME:
12:30PM-1:30PM
(REFRESHMENTS AT 12:15PM)

LOCATION:
OSBORNE
#A327

Partition Identities and Quiver Representations

Abstract: We present a particular connection between classical partition combinatorics and the representation theory of quivers. Specifically, we give a bijective proof of an analogue of Euler's Durfee square identity. We then use this result to give a new proof of Reineke's identity of quantum dilogarithms for type A quivers. Our identity is stated in terms of the lacing diagrams of Abeasis-Del Fra. This talk is based on joint work with Richárd Rimányi and Alexander Yong.

For More Information please contact the UCCS Math Department at
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