

VCU Discrete Mathematics Seminar

*A brief tour of difference sets:
why you should care*

**Prof Jim Davis
(University of Richmond)**

Wednesday, Sept. 21
1:00-1:50

In person! in 4145 Harris Hall
& Zoom @ <https://vcu.zoom.us/j/92975799914>
password=graphs2357



Difference sets have been studied for almost 100 years. Multiple variations such as symmetric, relative, partial, divisible, almost, and direct product provide a rich environment for combinatorial study. We do a brief survey of some of the major topics and applications, and then we focus on some recent work combining linking systems of difference sets and partial difference sets.

For the DM seminar schedule, see:

<https://vcumath.github.io/Seminar/dms.html>