

1125-55-1639 **Lew Ludwig*** (ludwigl@denison.edu), 100 West College Street, Granville, OH 43023. *Knot mosaics - something for everyone.*

Since their inception in 2008 by Lomonaco and Kauffman, knot mosaics have provided a wealth of areas to study - mosaic number, composition, and tabulation to name a few. In this presentation we consider a wide array of questions about knot mosaics that require very little perquisite knowledge, ideal for students or faculty members with little experience in knot theory. We will consider questions that cover a range of interests: knot theory, combinatorics, graph theory, and even computer science. This presentation is intended for a general audience. (Received September 18, 2016)