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**GORDON WILLIAMS**, University of Alaska Fairbanks  
*Minimal Regular Covers of the Archimedean Tilings*

In 1999, M. I. Hartley showed that all abstract polytopes may be represented as quotients of regular abstract polytopes. In this talk we will explore some of the special problems and surprising insights that may be obtained about the structure of such quotients by considering the special case of the uniform tilings of the plane. In particular, we will discuss the progress that has been made on finding *minimal* covers for these tilings, specifically those covers in which the quotient is determined by the stabilizer subgroup of a flag of the polytope.