MATH DEPARTMENT COLLOQUIUM

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Friday, Oct 7, 2016
3:30 – 4:30 PM
DERR 329**

Does the unit disk admit a fake universal cover?

Motivated by a certain open question in generalized covering space theory, we will discuss a related (simpler) question concerning certain equivalence classes of piecewise linear paths in the unit disk. We do not assume familarity with algebraic topology, but hope the listener is acquainted with metric spaces.

Paul Fabel received his Ph.D. in mathematics at the University of Texas at Austin in 1994. His research encompasses various topics in continuum theory, and geometric, algebraic, and categorical topology. He has over 20 publications and is currently an associate professor of mathematics at Mississippi State University.