The Math/Stats Colloquium
Department of Mathematics and Statistics
San José State University

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Outer Space and the
Outer Automorphism Group of the Free Group

September 16, 2016, MH320

Abstract: A common strategy for studying a group is to study some object that it acts on and how it acts on this object. My favorite group is the outer automorphism group of the free group. I will introduce this group and the object, Culler-Vogtmann Outer Space, that it acts on.
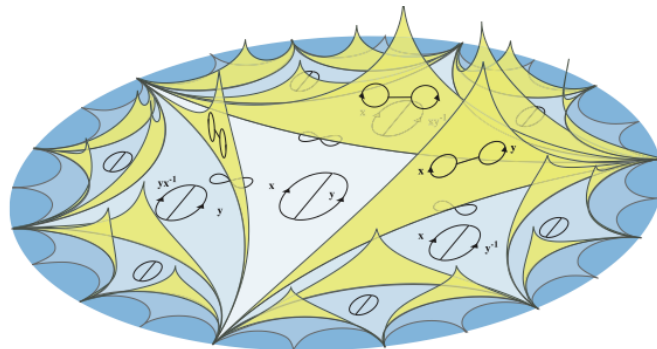*Background:* One course in abstract algebra.

About the speaker: Catherine Pfaff is a Ky Fan Visiting Assistant Professor at UCSB. She fell in love with math as an undergraduate at the University of Chicago and went on to earn her PhD from Rutgers University, New Brunswick. Her research is in the exciting and active field of geometric group theory.

Snacks in MH331B:
2:00 pm
Talk starts:
2:30 pm

For more information, see our full schedule at:

`http://www.math.sjsu.edu/~hsu/colloq/`