

The Whitehead Asphericity question asks whether every connected subcomplex of an aspherical two-complex must also be aspherical. To date there are no known examples with a negative answer to the question.

This talk will discuss what all these words mean and investigate how one can determine when a two-complex is aspherical.

To get the most out of this talk, you should probably be familiar with the term homotopy group. For a quick refresher you could go to http://en.wikipedia.org/wiki/Homotopy_group