

# BI-CO MATHEMATICS COLLOQUIUM

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*“Disks, circles, and subspaces of their products”*

**Monday, October 18, 2010**

Talk at 4:15 – KINSC H109

Tea at 4:00 – KINSC Math Lounge, H208

**Abstract:** This lecture is a description of certain natural, geometrically defined topological spaces known as 'moment-angle-complexes,' which have been the subject of intense investigation. We will explore their properties as well as applications. For example, what do these spaces have to do with the motions of legs of a cockroach? This feature will be illustrated with slides.

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