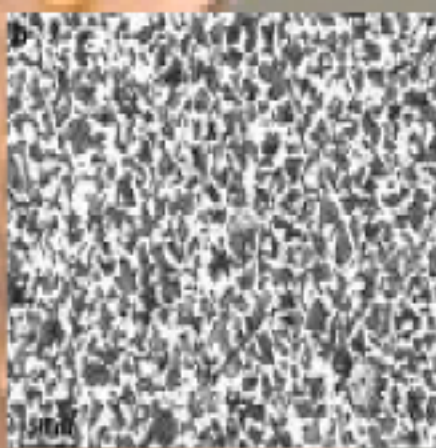


SPECIAL PIMS SPEAKER SERIES

What's New for Microstructure

**Thursday,
September 25, 2008**

**University of Victoria
Clearihue A127
3:30 - 4:30pm**



We don't call it the Stone Age because we use stones. Any biped can do this. We call it the Stone Age because we fabricated stone tools. This requires tool stones, special because of their microstructural texture. So what's new for microstructure? Just as in prehistory, nearly all engineered materials are polycrystalline granular networks. Recent work has led to the discovery of the grain boundary character distribution (GBCD), the first predictive measure of texture related material properties. There are many mathematical challenges and the hint of universality.

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<http://www.pims.math.ca/scientific/scientific-lecture>