Polymeric foams are highly compressible materials due to their cellular structure. Finding the material parameters corresponding to the hyperelastic and to the viscoelastic parts are not so trivial. In this talk, the parameter-fitting procedure will be discussed.

Improving the manufacturing quality in metal cutting processes requires the complete understanding of the chip formation phenomena, which may be analyzed using the finite element method in addition to experimental tests.

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For a complete abstract, go to http://www.humboldt.edu/math/news-and-events/math-colloquium

We invite you to the Pre-colloquium Tea on the third floor of the BSS building at 3:30 on Thursday.